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CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
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UNCLASSIFIED USCG-D-124-76 NL

1 OF 10
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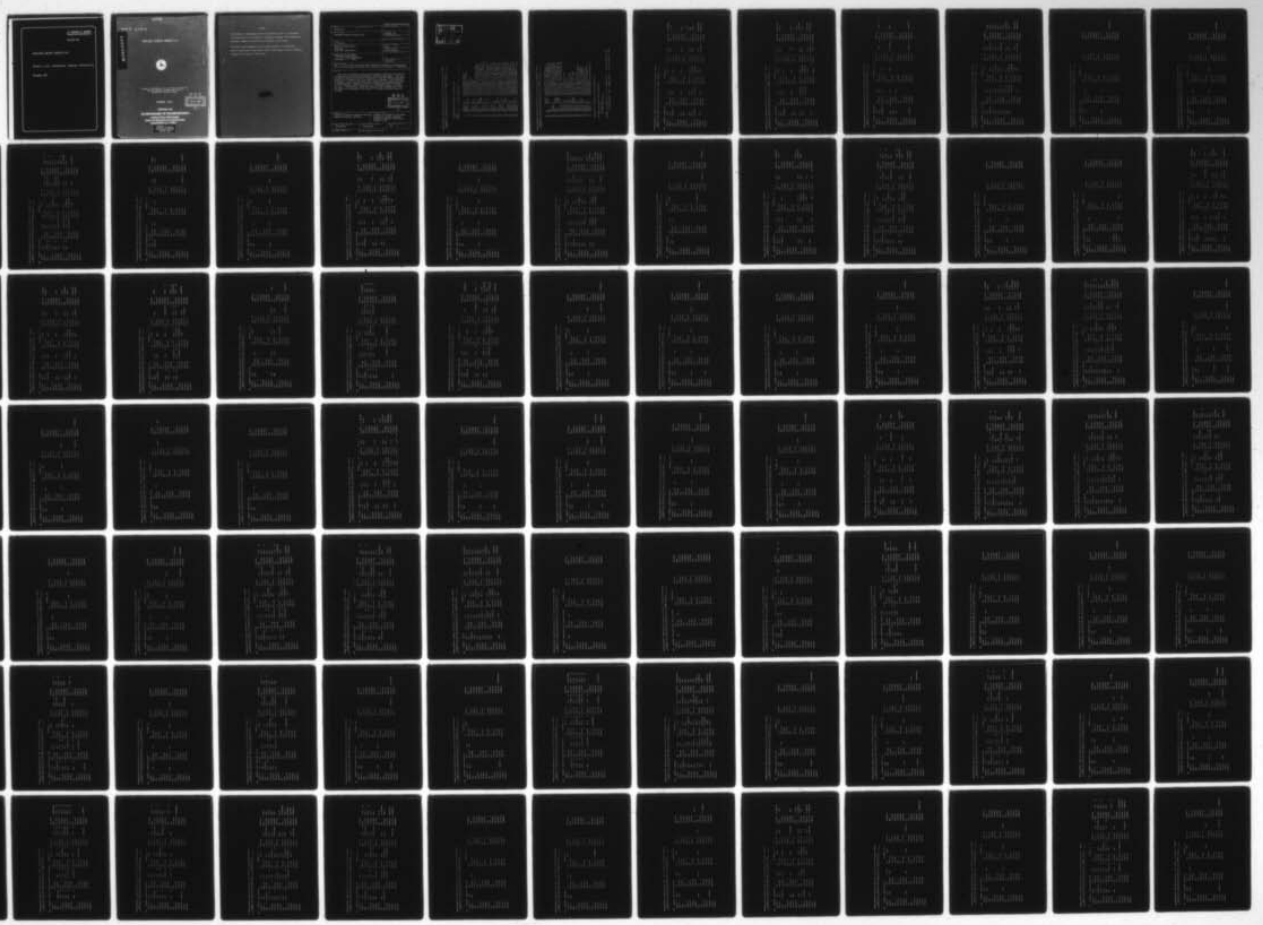

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National Technical Information Service

AD-A034 607

CHRIS/HACS CHEMICAL PROPERTY FILE

ARTHUR D. LITTLE, INCORPORATED, CAMBRIDGE, MASSACHUSETTS

DECEMBER 1976

024108

REPORT NO. CG-D-124-76

ADA034607

CHRIS/HACS CHEMICAL PROPERTY FILE

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The U. S. Coast Office of Research and Development's technical representatives for the work performed herein were Drs. John M. Cece and Michael C. Parnarouskis.

16. Abstract

This report represents a listing of the Chemical Properties File which is an integral part of the Hazard Assessment Computer System (HACS). This file contains the physical and chemical properties of some 900 chemical substances: as many as 74 properties may be recorded for each chemical. The properties contained in the file may be either exact values from the chemical literature or estimated values obtained by the use of standard estimation techniques. An "(E)" following a value indicates it is an estimated values; all others are exact. The properties, their code names and their ordering on the file are given at the beginning of this report. All numeric data are listed in SI units.

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PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

FIELDS SELECTED FOR RETRIEVAL AND DISPLAY ARE ...

FIELD NUMBER	NAME	SI UNIT	DESCRIPTION
1	CHEMCODE	NA	CHEMICAL RECOGNITION CODE
2	CHEMNAME	NA	CHEMICAL OR COMPOUND NAME
3	PATHCODE	NA	HAZARD ASSESSMENT PATH CODES
4	MOLECWT	KG/KGM	MOLECULAR WEIGHT
5	NBP	K	NORMAL BOILING POINT
6	NFP	K	NORMAL FREEZING POINT
7	CRITTEMP	K	CRITICAL TEMPERATURE
8	CRITPRES	N/M2	CRITICAL PRESSURE
9	DENSITY	KG/M3	DENSITY (DATA POINT)
10	DENSTEMP	K	TEMPERATURE AT WHICH DENSITY IS GIVEN
11	SHPSTATE	NA	PHYSICAL STATE OF COMPOUND AS SHIPPED
12	ARHO	KG/M3	CONSTANT IN SAT. LIQ. DENSITY EQUATION
13	BRHO	KG/M3K	COEFFICIENT OF T, SAT. LIQ. DENS. EQN.
14	CRHO	KG/M3K2	COEFFICIENT OF T**2, SAT. LQ. DENS. EQN.
15	LDUPRBND	K	UPPER TEMPERATURE BOUND. SAT.LQ.DENS.EQN
16	LDLWRBND	K	LOWER TEMPERATURE BOUND. SAT.LQ.DENS.EQN
17	LQVISPNT	NS/M2	LIQUID VISCOSITY (DATA POINT)
18	LQVISTMP	K	TEMPERATURE AT WHICH LIQ. VISC. IS GIVEN
19	AVIS	*1(SI)	CONSTANT IN LIQUID VISCOSITY EQUATION
20	BVIS	K	COEFFICIENT OF T**-1, LIQ. VISC. EQN.
21	LVUPRBND	K	UPPER TEMPERATURE BOUND. LIQ. VISC. EQN.
22	LVLWRBND	K	LOWER TEMPERATURE BOUND. LIQ. VISC. EQN.
23	LQTHRCND	W/MK	LIQUID THERMAL CONDUCTIVITY (DATA POINT)
24	LTHCNTMP	K	TEMPERATURE AT WHICH LQ.TH.CON. IS GIVEN
25	ACON	W/MK	CONSTANT IN LIQ. THER. COND. EQUATION
26	BCON	W/MK2	COEFFICIENT OF T, LIQ. THER. COND. EQN.
27	LTCUPBND	K	UPPER TEMPERATURE BOUND. LQ.TH.COND.EQN.
28	LTCLOBND	K	LOWER TEMPERATURE BOUND. LQ.TH.COND.EQN.
29	LQHTCPPT	J/KGK	LIQUID HEAT CAPACITY (DATA POINT)
30	LQHTCPTM	K	TEMPERATURE AT WHICH LQ.HT.CAP. IS GIVEN
31	AHC	J/KGK	CONSTANT IN LIQ. HEAT CAPACITY EQUATION
32	BHC	J/KGK2	COEFFICIENT OF T, LIQ. HEAT CAPACITY EQN
33	LHCUPBND	K	UPPER TEMPERATURE BOUND. LQ.HT.CAP. EQN.
34	LHCLOBND	K	LOWER TEMPERATURE BOUND. LQ.HT.CAP. EQN.
35	SURFTENS	N/M	LIQUID SURFACE TENSION (DATA POINT)
36	SFTNTEMP	K	TEMPERATURE AT WHICH LIQ.SURF.TNS. GIVEN
37	INTFTENS	N/M	LIQUID-WATER INTERFACIAL TENSION (POINT)
38	INTFTTMP	K	TEMPERATURE AT WHICH INTERFAC.TNS. GIVEN
39	SOLUSPNT	KG/HKG	SOLUBILITY IN WATER (DATA POINT)
40	SOLUBTMP	K	TEMPERATURE AT WHICH SOLUBILITY IS GIVEN

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41	A	KG/HKG	CONSTANT IN SOLUBILITY EQUATION
42	B	KG/HKGK	COEFFICIENT OF T. SOLUBILITY EQUATION
43	AVP	*2(SI)	CONSTANT AVP IN SAT. VAPOR PRESSURE EQN.
44	BVP	K	CONSTANT BVP IN SAT. VAPOR PRESSURE EQN.
45	CVP	K	CONSTANT CVP IN SAT. VAPOR PRESSURE EQN.
46	VPUPRBND	K	UPPER TEMPERATURE BOUND. SAT.VP.PRES.EQN
47	VPLWRBND	K	LOWER TEMPERATURE BOUND. SAT.VP.PRES.EQN
48	AVCP	J/KGMK	CONSTANT IN VAPOR HEAT CAPACITY EQUATION
49	BVCP	J/KGMK2	COEFFICIENT OF T. VAPOR HEAT CAP. EQN.
50	CVCP	J/KGMK3	COEFFICIENT OF T**2. VAPOR HEAT CAP. EQN
51	DVCP	J/KGMK4	COEFFICIENT OF T**3. VAPOR HEAT CAP. EQN
52	VHCUPBND	K	UPPER TEMPERATURE BOUND. VPR.HT.CAP. EQN
53	VHCLOBND	K	LOWER TEMPERATURE BOUND. VPR.HT.CAP. EQN
54	HTFUSION	J/KG	HEAT OF FUSION
55	LHTVAPOR	J/KG	LATENT HEAT OF VAPORIZATION
56	HTCOMBTN	J/KG	HEAT OF COMBUSTION
57	HTDECOMP	J/KG	HEAT OF DECOMPOSITION
58	HTSOLUTN	J/KG	HEAT OF SOLUTION
59	HTREACTN	J/KG	HEAT OF REACTION WITH WATER
60	HTPOLYMR	J/KG	HEAT OF POLYMERIZATION
61	LOFLMLIM	PERCENT	LOWER FLAMMABLE LIMIT IN AIR
62	UPFLMLIM	PERCENT	UPPER FLAMMABLE LIMIT IN AIR
63	BURNRATE	M/S	BURNING RATE
64	TOXINHAL	PPM	TOXICITY BY INHALATION (TLV)
65	INHALCNC	PPM	SHORT TERM INHALATION LIMIT (CONCENTR.)
66	INHALTME	S	SHORT TERM INHALATION LIMIT (TIME)
67	LOTOXLIM	KG/KG	LOWER LIMIT. TOXICITY BY INGESTION
68	UPTOXLIM	KG/KG	UPPER LIMIT. TOXICITY BY INGESTION
69	LATETOX	NA	LATE TOXICITY (DESCRIPTIVE VALUE)
70	ABFLMTMP	K	ADIABATIC FLAME TEMPERATURE
71	MOLRATIO	ND	MOLAR RATIO OF REACTANTS TO PRODUCTS
72	AIRFUEL	ND	STOICHIOMETRIC AIR TO FUEL RATIO
73	FLMETEMP	K	FLAME TEMPERATURE
74	MOLFRAC	ND	LIMITING VALUE. MOLECULAR FRACTION CONC.

OPTIONAL OUTPUT TO MAGNETIC TAPE HAS BEEN SELECTED

RETRIEVAL AND DISPLAY OPTIONS SELECTED FOR ...

ALL CHEMICALS
UP TO AND INCLUDING GSR

PROPERTY FILE OPENED HAS ID = 1558. VERSION NUMBER = 16. DATE CREATED = 112776

GENERATED FROM ID = 9093. VERSION NUMBER = 15. DATE CREATED = 112776

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

AAC CHEMNAME = ACETIC ACID PATHCODE = A P Q

MOLECWT =	60.05	NBP =	391.1	NFP =	290.0	CRITTEMP=	594.8	CRITPRES=	0.5780E+07
DENSITY =	1051.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1373.	BRHO =	-1.103
CRHO =	0.5800E-05	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2035.	LQHTCPTM=	293.2	AHC =	918.7	BHC =	3.810	LHCUPBND=	433.2
LHCLOBND=	289.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.424
BVP =	1479.	CVP =	-56.36	VPUPRBND=	423.2	VPLWRBND=	290.2	AVCP =	4840.
BVCP =	254.8	CVCP =	-0.1754	DVCP =	0.5024E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1955E+06	LHTVAPOR=	0.2374E+06	HTCOMBTN=	-0.1313E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	5.400	UPFLMLIM=	16.00	BURNRATE=	0.2667E-04
TOXINHAL=	10.00	INHALCNC=	40.00	INHALTME=	300.0	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

AAD CHEMNAME = ACETALDEHYDE PATHCODE = A B C K L M N Z

MOLECWT =	44.05	NBP =	293.6	NFP =	150.0	CRITTEMP=	461.0	CRITPRES=	0.5700E+07
DENSITY =	780.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1144.	BRHO =	-1.240
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	243.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1382.	LQHTCPTM=	293.2	AHC =	966.6	BHC =	1.382	LHCUPBND=	393.2
LHCLOBND=	193.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.923
BVP =	1444.	CVP =	0.4004E-01	VPUPRBND=	333.2	VPLWRBND=	253.2	AVCP =	0.1547E+05
BVCP =	144.4	CVCP =	-0.4312E-01	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.5694E+06	HTCOMBTN=	-0.2466E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	4.000	UPFLMLIM=	60.00	BURNRATE=	0.5500E-04
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8750 (E)	AIRFUEL =	7.800 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

AAM CHEMNAME = ACRYLAMIDE PATHCODE = A P Z

MOLECWT =	71.00	NBP =	692.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1050.	DENSTEMP=	298.1	SHPSTATE=L		APHO =	1343. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	288.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3349. (E)	LQHTCPTM=	293.1	AHC =	3349. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1
LHCLOBND=	288.1	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	216.0	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.9500E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

AAN CHEMNAME = N-AMYL ALCOHOL PATHCODE = A P Q T U

MOLECWT =	88.15	NBP =	411.1	NFP =	194.0	CRITTEMP=	586.0	CRITPRES=			
DENSITY =	818.0	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	1078.	BRHO =	-0.9000		
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=	0.5200E-02	LQVISTMP=	293.2		
AVIS =	-16.87	BVIS =	3406.	LVUPRBND=	323.2	LVLWRBND=	283.2	LQTHRCND=	0.1547		
LTHCNTMP=	293.2	ACON =	0.1888	BCON =	-0.1163E-03	LTCUPBND=	333.2	LTCLOBND=	263.2		
LQHTCPPT=	2177.	LQHTCPTM=	293.2	AHC =	-506.4	BHC =	9.211	LHCUPBND=	353.2		
LHCLOBND=	263.2	SURFTENS=	0.2560E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-02	INTFTTMP=	293.1		
SOLUBPNT=	2.600	SOLUBTMP=	298.7	A =		B =		AVP =	11.65		
BVP =	2660.	CVP =	0.4004E-01	VPUPRBND=	353.2	VPLWRBND=	263.0	AVCP =	0.5979E+05		
BVCP =	295.2	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.5049E+06	HTCOMBTN=	-0.3768E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=	7.500	BURNRATE=	0.6000E-04		
TOXINHAL=		INHALCNC=	150.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

AAT CHEMNAME = AMMONIUM ACETATE PATHCODE = SS

MOLECWT =	77.08	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1170.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	148.0	SOLUBTMP=	277.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	-0.1300E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

ABC CHEMNAME = AMMONIUM BICARBONATE PATHCODE = SS

MOLECWT =	79.06	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1570.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	21.60	SOLUBTMP=	293.1	A =	-198.3	B =	0.7500	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.3300E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ABF CHEMNAME = AMMONIUM BIFLUORIDE PATHCODE = SS

MOLECWT =	57.04	NBP =	512.7	NFP =	398.8	CRITTEMP=		CRITPRES=	
DENSITY =	1500.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	58.30	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.9800	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

ABM CHEMNAME = ACETYL BROMIDE PATHCODE = A O

MOLECWT =	122.9	NBP =	349.0	NFP =	176.7	CRITTEMP=			CRITPRES=		
DENSITY =	1660.	DENSTEMP=	289.1	SHPSTATE=	L	ARHO =	1953.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E) LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=	2512.	(E) LQHTCPTM=	293.1	AHC =	2512.	(E) BHC =	0.0000E+00	(E)	LHCUPBND=	298.1	
LHCLOBND=	288.1	SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	9.545	(E
BVP =	1585.	(E) CVP =	-0.1500	(E) VPUPRBND=	353.1	VPLWRBND=	283.1		AVCP =	0.1830E+05	(E
BVCP =	196.5	(E) CVCP =	-0.1231	(E) DVCP =	0.2952E-04	(E) VHCUPBND=	600.0		VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.2500E+06	HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ABR CHEMNAME = ALLYL BROMIDE PATHCODE = A X Y

MOLECWT =	121.0	NBP =	343.0	NFP =	154.0	CRITTEMP=		CRITPRES=			
DENSITY =	1400.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1693.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.8200E-03	(E)	LQVISTMP=	293.1
AVIS =	-11.61	(E)	BVIS =	1320.	(E)	LVUPRBND=	303.1	LVLWRBND=	273.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	273.1
LQHTCPPT=	1424.	(E)	LQHTCPTM=	293.1	AHC =	1424.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 303.1
LHCLOBND=	273.1	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=			A =		B =			AVP =	9.554 (E
BVP =	1560.	(E)	CVP =	0.5000E-01	(E)	VPUPRBND=	333.1	VPLWRBND=	283.1	AVCP =	0.1424E+05 (E
BVCP =	254.1	(E)	CVCP =	-0.1465	(E)	DVCP =	0.3559E-04	(E)	VHCUPBND=	500.0	VHCLOBND= 300.0
HTFUSION=		LHTVAPOR=	0.2500E+06	(E)	HTCOMBTN=	-0.1500E+08	(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=	4.400	UPFLMLIM=	7.300		BURNRATE=	0.5845E-04
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ABS CHEMNAME = ALKYLBENZENESULFONIC ACIDS PATHCODE = A P

MOLECWT =	352.0	(E) NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1200.	(E) DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1281.	BRHO =	-0.7000
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.3750	LQVISTMP=	311.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLCBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ABZ CHEMNAME = AMMONIUM BENZOATE PATHCODE = SS

MOLECWT =	139.1	NBP =		NFP =	471.0	CRITTEMP=		CRITPRES=	
DENSITY =	1260.	DENSTEMP=	298.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	22.90	SOLUBTMP=	298.1	A =	-69.58	B =	0.3100	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.8000E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACA CHEMNAME = ACETIC ANHYDRIDE PATHCODE = A P Q

MOLECWT =	102.1	NBP =	412.2	NFP =	199.1	CRITTEMP=	569.0	CRITPRES=	0.4680E+07
DENSITY =	1053.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1434.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	233.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1825.	LQHTCPTM=	293.2	AHC =	1250.	BHC =	1.968	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.173
BVP =	1400.	CVP =	-76.16	VPUPRBND=	433.2	VPLWRBND=	293.2	AVCP =	-0.2335E+05
BVCP =	512.5	CVCP =	-0.3689	DVCP =	0.1061E-03	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2772E+06	HTCOMBTN=	-0.1642E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.700	UPFLMLIM=	10.30	BURNRATE=	0.5500E-04
TOXINHAL=		INHALCNC=	5.000	INHALTME=	1200.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACB CHEMNAME = AMMONIUM CARBONATE PATHCODE = SS

MOLECWT =	157.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1500.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	102.0	SOLUBTMP=	288.1	A =	-108.4	B =	0.7300	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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ACC CHEMNAME = ACETYL CHLORIDE PATHCODE = A O

MOLECWT =	78.50	NBP =	324.0	NFP =	161.0	CRITTEMP=	519.0	(E)	CRITPRES=	0.5830E+07(E
DENSITY =	1104.	DENSTEMP=	294.1	SHPSTATE=L		ARHO =	2113.		BRHO =	-3.600
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	273.1	LQVISPNT=	0.4400E-03		LQVISTMP=	293.1
AVIS =	-10.87	BVIS =	924.0	LVUPRBND=	353.1	LVLWRBND=	273.1		LQTHRCND=	0.1535
LTHCNTMP=	293.1	ACON =	0.2015	BCON =	-0.1628E-03	LTCUPBND=	353.1		LTCLOBND=	273.1
LQHTCPPT=	1465.	LQHTCPTM=	293.1	AHC =	1159.	BHC =	1.047		LHCUPBND=	373.1
LHCLOBND=	273.1	SURFTENS=	0.2600E-01	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	9.841
BVP =	1576.	CVP =	0.5000E-01	VPUPRBND=	373.1	VPLWRBND=	273.1		AVCP =	0.3370E+05
BVCP =	106.8	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	500.0		VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.3700E+06	HTCOMBTN=	-0.1400E+08	HTDECOMP=			HTSOLUTN=	-0.1300E+06(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	0.4342E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACD CHEMNAME = ACRIDINE PATHCODE = II

MOLECWT =	179.1		NBP =	619.0	NFP =	383.0	CRITTEMP=		CRITPRES=	
DENSITY =	1200.	(E)	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.3680E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACE CHEMNAME = ACETYLENE PATHCODE = A B C

MOLECWT =	26.04	NBP =	189.2	NFP =		CRITTEMP=	308.4	CRITPRES=	0.6138E+07
DENSITY =	613.0	DENSTEMP=	193.2	SHPSTATE=L		ARHO =	942.4	BRHO =	-1.700
CRHO =	0.0000E+00	LDUPRBND=	273.2	LDLWRBND=	193.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.220
BVP =	709.1	CVP =	-19.96	VPUPRBND=	213.2	VPLWRBND=	192.2	AVCP =	0.1583E+05
BVCP =	128.1	CVCP =	-0.1277	DVCP =	0.5024E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4826E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.500	UPFLMLIM=	100.0	BURNRATE=	
TOXINHAL=	5000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=	2907. (E)	MOLRATIO=	1.167 (E)	AIRFUEL =	13.18 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACF CHEMNAME = ALLYL CHLOROFORMATE PATHCODE = A O X Y

MOLECWT =	120.5	NBP =	318.0	NFP =	193.0	CRITTEMP=		CRITPRES=			
DENSITY =	1139.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1433.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.7100E-03	LQVISTMP=	293.1	
AVIS =	-11.62	(E)	BVIS =	1280.	(E)	LVUPRBND=	303.1	LVLWRBND=	273.1	LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	273.1	
LQHTCPPT=	1884.	(E)	LQHTCPTM=	293.1	AHC =	1884.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.645	(E	
BVP =	1475.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	323.1	VPLWRBND=	288.1	AVCP =	0.2709E+05	(E
BVCP =	329.9	(E)	CVCP =	-0.1637	(E)	DVCP =	0.7829E-04	(E)	VHCUPBND=	500.0	VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.2300E+06	(E)	HTCOMBTN=	-0.1800E+08	(E)	HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.8183E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACI CHEMNAME = AMMONIUM CITRATE PATHCODE = SS

MOLECWT =	226.0	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1480.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	100.0	SOLUBTMP=	298.1	A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACL CHEMNAME = ALUMINUM CHLORIDE PATHCODE = RR C

MOLECWT =	133.3	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2440.	DENSTEMP=	298.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=	0.3014E+06	LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.4145E+06	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	5.000	INHALCNC=	5.000	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACN CHEMNAME = ACRYLONITRILE PATHCODE = A P Q R S Z

MOLECWT =	53.06		NBP =	350.6		NFP =	189.6		CRITTEMP=	536.0		CRITPRES=	0.4600E+07		
DENSITY =	807.5		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1101.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	333.2		LDLWRBND=	253.2		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0	(E	
LHCLOBND=	270.0	(E)	SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=			
SOLUBPNT=	8.000		SOLUBTMP=	294.3		A =			B =			AVP =	9.041		
BVP =	1208.		CVP =	-51.16		VPUPRBND=	383.2		VPLWRBND=	253.2		AVCP =	0.1068E+05		
BVCP =	221.9		CVCP =	-0.1549		DVCP =	0.4605E-04		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.6155E+06		HTCOMBTN=			HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	3.050		UPFLMLIM=	17.00		BURNRATE=			
TOXINHAL=	20.00		INHALCNC=	40.00		INHALTME=	1800.		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACP CHEMNAME = ACETOPHENONE PATHCODE = A T U X Y

MOLECWT =	120.2	NBP =	474.9	NFP =	292.9	CRITTEMP=	701.0	CRITPRES=	0.3800E+07		
DENSITY =	1028.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1273.	BRHO =	-0.9000		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	293.2	LQVISPNT=	0.1990E-02	LQVISTMP=	289.2		
AVIS =	-10.71	BVIS =	1299.	LVUPRBND=	303.2	LVLWRBND=	283.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1985.	LQHTCPTM=	293.2	AHC =	1985.	BHC =	0.0000E+00	LHCUPBND=	303.2		
LHCLOBND=	283.2	SURFTENS=	0.3980E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	300.0	(E	
SOLUBPNT=	0.5500	SOLUBTMP=	293.2	A =		B =		AVP =	9.282		
BVP =	1723.	CVP =	-72.16	VPUPRBND=	518.2	VPLWRBND=	375.2	AVCP =	-0.2957E+05(E		
BVCP =	640.0 (E)	CVCP =	-C.4070 (E)	DVCP =	0.9700E-04(E)	VHCUPBND=	400.0 (E)	VHCLOBND=	270.0	(E	
HTFUSION=		LHTVAPOR=	0.3650E+06(E)	HTCOMBTN=	-0.3454E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACR CHEMNAME = ACRYLIC ACID PATHCODE = A P O Z

MOLECWT =	72.06	NBP =	414.5	NFP =	285.5	CRITTEMP=	615.0	CRITPRES=	0.5800E+07
DENSITY =	1050.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1371.	BRHO =	-1.100
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	285.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1926.	LQHTCPTM=	323.2	AHC =	1926.	BHC =	0.0000E+00	LHCUPBND=	333.2
LHCLOBND=	313.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.47
BVP =	2270.	CVP =	0.4004E-01	VPUPRBND=	343.2	VPLWRBND=	288.2	AVCP =	1742.
BVCP =	319.0	CVCP =	-0.2353	DVCP =	0.6992E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.6343E+06	HTCOMSTN=	-0.1884E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=	-0.1076E+07	LOFLMLIM=	2.400	UPFLMLIM=		BURNRATE=	0.2667E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACT CHEMNAME = ACETONE PATHCODE = A P Q R S

MOLECWT =	58.08	NBP =	329.3	NFP =	178.5	CRITTEMP=	508.0	CRITPRES=	0.4700E+07
DENSITY =	791.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1089.	BRHO =	-0.9306
CRHO =	-0.3100E-03	LDUPRBND=	323.2	LDLWRBND=	183.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2181.	LQHTCPTM=	293.2	AHC =	1249.	BHC =	3.182	LHCUPBND=	303.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.365
BVP =	1280.	CVP =	-35.66	VPUPRBND=	363.2	VPLWRBND=	243.2	AVCP =	0.1398E+05
BVCP =	226.5	CVCP =	-0.7452E-01	DVCP =	-0.2106E-05	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.9839E+05	LHTVAPOR=	0.5108E+06	HTCOMBTN=	-0.2850E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.600	UPFLMLIM=	12.80	BURNRATE=	0.6500E-04
TOXINHAL=	1000.	INHALCNC=	1000.	INHALTME=	1800.	LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ACY CHEMNAME = ACETONE CYANOHYDRIN PATHCODE = A P Q

MOLECWT =	85.11		NBP =			NFP =	252.0		CRITTEMP=			CRITPRES=			
DENSITY =	925.0		DENSTEMP=	298.2		SHPSTATE=L			ARHO =	1223.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	308.2		LDLWRBND=	288.2		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	2900.	(E)	LQHTCPTM=	300.0	(E)	AHC =	2900.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0	(E	
LHCLOBND=	270.0	(E)	SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	10.96	(E	
BVP =	2743.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	300.0	(E)	VPLWRBND=	270.0	(E)	AVCP =	0.2684E+05	(E	
BVCP =	383.0	(E)	CVCP =	-0.2190	(E)	DVCP =	0.3970E-04	(E)	VHCUPBND=	400.0	(E)	VHCLOBND=	270.0	(E	
HTFUSION=			LHTVAPOR=	0.6172E+06	(E)	HTCOMBTN=	-0.2760E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	2.200		UPFLMLIM=	12.00		BURNRATE=	0.5833E-03		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ADA CHEMNAME = ADIPIC ACID PATHCODE = SS II

MOLECWT =	146.1	NBP =		NFP =	424.0	CRITTEMP=		CRITPRES=	
DENSITY =	1360.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	1.500	SOLUBTMP=	288.1	A =	-27.32	B =	0.1000	AVP =	12.24
BVP =	4368.	CVP =	-0.1500	VPUPRBND=	543.1	VPLWRBND=	473.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1916E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ADN CHEMNAME = ADIPONITRILE PATHCODE = A T U

MOLECWT =	108.0	NBP =	563.0	NFP =	275.5	CRITTEMP=		CRITPRES=			
DENSITY =	950.0	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	950.0	BRHO =	0.0000E+00		
CRHO =	0.0000E+00	LDUPRBND=	293.2	LDLWRBND=	283.2	LQVISPNT=	0.3000E-02(E)	LQVISTMP=	300.0	(E	
AVIS =	-11.17 (E)	BVIS =	1614. (E)	LVUPRBND=	300.0 (E)	LVLWRBND=	280.0 (E)	LQTHRCND=	0.1400	(E	
LTHCNTMP=	300.0 (E)	ACON =	0.1400 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	300.0 (E)	LTCLOBND=	280.0	(E	
LQHTCPPT=	2050. (E)	LQHTCPTM=	290.0 (E)	AHC =	2050. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	300.0	(E	
LHCLOBND=	280.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =			
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.5590E+06(E)	HTCOMBTN=	-0.3320E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=	50.00	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AEA CHEMNAME = AMINOETHYLETHANOLAMINE PATHCODE = A P Q

MOLECWT =	104.2		NBP =	516.0		NFP =			CRITTEMP=			CRITPRES=	
DENSITY =	1028.		DENSTEMP=	298.2		SHPSTATE=L			ARHO =	1050.		BRHO =	0.0000E+00
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	288.2		LQVISPNT=			LQVISTMP=	
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=	
LQHTCPPT=	2700.	(E)	LQHTCPTM=	290.0	(E)	AHC =	2700.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0 (E
LHCLOBND=	270.0	(E)	SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	11.42
BVP =	3310.		CVP =	0.4004E-01		VPUPRBND=	473.2		VPLWRBND=	273.2		AVCP =	0.4610E+05(E
BVCP =	475.0	(E)	CVCP =	-0.2200	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	400.0	(E)	VHCLOBND=	250.0 (E
HTFUSION=			LHTVAPOR=	0.4850E+06	(E)	HTCOMBTN=	-0.2870E+08	(E)	HTDECOMP=			HTSOLUTN=	-0.1000E+05(E
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.000		UPFLMLIM=	8.000		BURNRATE=	
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AFM CHEMNAME = AMMONIUM FORMATE PATHCODE = SS

MOLECWT =	63.06	NBP =		NFP =	389.0	CRITTEMP=		CRITPRES=	
DENSITY =	1280.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	153.0	SOLUBTMP=	293.1	A =	-594.5	B =	2.550	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSICN=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AFR CHEMNAME = AMMONIUM FLUORIDE PATHCODE = SS

MOLECWT =	37.04	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1320.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	82.20	SOLUBTMP=	293.1	A =	-70.24	B =	0.5200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.1700E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.500	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AGC CHEMNAME = AMMONIUM GLUCONATE PATHCODE = SS

MOLECWT =	213.0		NBP =		NFP =		CRITTEMP=		CRITPRES=
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=	42.70		SOLUBTMP=	298.1	A =		B =		AVP =
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AID CHEMNAME = AMMONIUM IODIDE PATHCODE = SS

MOLECWT =	144.9	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2560.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	172.0	SOLUBTMP=	293.1	A =	-97.30	B =	0.9200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.1000E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ALA CHEMNAME = ALLYL ALCOHOL PATHCODE = A P Q

MOLECWT =	58.08	NBP =	370.1	NFP =	144.0	CRITTEMP=	545.1	CRITPRES=	0.5800E+07
DENSITY =	852.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1089.	BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2052.	LQHTCPTM=	293.2	AHC =	-403.3	BHC =	8.374	LHCUPBND=	353.2
LHCLOBND=	253.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.76
BVP =	2460.	CVP =	0.4004E-01	VPUPRBND=	313.2	VPLWRBND=	263.2	AVCP =	0.2626E+05
BVCP =	181.3	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	350.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.6866E+06	HTCOMBTN=	-0.3190E+08	HTDECOMP=		HTSOLUTN=	0.0000E+00(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.500	UPFLMLIM=	18.00	BURNRATE=	0.4500E-04
TOXINHAL=	2.000	INHALCNC=	5.000	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ALC CHEMNAME = ALLYL CHLORIDE PATHCODE = A T U V W

MOLECWT =	76.53	NBP =	318.2	NFP =	138.7	CRITTEMP=	514.2	CRITPRES=	0.4800E+07		
DENSITY =	938.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1319.	BRHO =	-1.300		
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	253.2	LQVISPNT=	0.3200E-03	LQVISTMP=	293.2		
AVIS =	-10.92	BVIS =	848.0	LVUPRBND=	303.2	LVLWRBND=	283.2	LQTHRCND=	0.1500	(E	
LTHCNTMP=	300.0	(E) ACON =	0.1500	(E) BCON =	0.0000E+00(E)	LTCUPBND=	310.0	(E) LTCLOBND=	270.0	(E	
LQHTCPPT=	1298.	LQHTCPTM=	273.2	AHC =	1298.	BHC =	0.0000E+00	LHCUPBND=	293.2		
LHCLOBND=	263.2	SURFTENS=	0.2890E-01	SFTNTEMP=	288.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	290.0	(E	
SOLUBPNT=	0.3300	SOLUBTMP=	298.2	A =		B =		AVP =	9.842		
BVP =	1540.	CVP =	0.4004E-01	VPUPRBND=	323.2	VPLWRBND=	273.2	AVCP =	0.1566E+05		
BVCP =	243.3	CVCP =	-0.1340	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3882E+06(E)	HTCOMBTN=	-0.2268E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.300	UPFLMLIM=	11.10	BURNRATE=	0.6830E-04(E		
TOXINHAL=	1.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

ALD CHEMNAME = ALDRIN PATHCODE = II

MOLECWT =	364.9	NBP =		NFP =	377.0	CRITTEMP=		CRITPRES=	
DENSITY =	1600.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1100E-05	SOLUBTMP=	293.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1500E-01	INHALCNC=	0.6100E-01	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ALF CHEMNAME = ALUMINUM FLUORIDE PATHCODE = II

MOLECWT =	83.98	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	2880.	DENSTEMP=	298.2	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	0.5000	SOLUBTMP=	298.7	A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ALM CHEMNAME = ALUMINUM SULFATE PATHCODE = SS

MOLECWT =	666.4	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1700.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	38.50	SOLUBTMP=	298.1	A =	29.51	B =	0.3000E-01	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	-0.5150E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

ALN CHEMNAME = ALUMINUM NITRATE PATHCODE = SS

MOLECWT =	375.1		NBP =		NFP =	346.0	CRITTEMP=		CRITPRES=	
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	61.00		SOLUBTMP=	273.1	A =	-168.4	B =	0.8400	AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ALS CHEMNAME = AMMONIUM LAURYL SULFATE PATHCODE = A P

MOLECWT =	283.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1030.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=	0.9000	LQVISTMP=	298.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ALT CHEMNAME = AMMONIUM LACTATE PATHCODE = SS

MOLECWT =	107.1	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1200.	DENSTEMP=	288.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMA CHEMNAME = AMMONIA ANHYDROUS PATHCODE = A B C K L M N O

MOLECWT =	17.03	NBP =	239.8	NFP =	195.5	CRITTEMP=	406.0	CRITPRES=	0.1127E+08
DENSITY =	682.0	DENSTEMP=	239.8	SHPSTATE=L		ARHO =	-20.67	BRHO =	6.130
CRHO =	-0.1360E-01	LDUPRBND=	253.2	LDLWRBND=	195.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	4480.	LQHTCPTM=	240.2	AHC =	3462.	BHC =	4.187	LHCUPBND=	273.2
LHCLOBND=	213.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.15
BVP =	1233.	CVP =	0.0000E+00	VPUPRBND=	313.0	VPLWRBND=	233.0	AVCP =	0.2730E+05
BVCP =	23.86	CVCP =	0.1717E-01	DVCP =	0.1172E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.1369E+07	HTCOMBTN=	-0.1859E+08	HTDECOMP=		HTSOLUTN=	-0.5650E+06(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	15.50	UPFLMLIM=	27.00	BURNRATE=	0.1667E-04
TOXINHAL=	25.00	INHALCNC=	100.0	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8750 (E)	AIRFUEL =	6.050 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMB CHEMNAME = AMMONIUM MOLYBDATE PATHCODE = SS

MOLECWT =	123.6	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1400.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	43.00	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.9000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMC CHEMNAME = AMMONIUM CHLORIDE PATHCODE = SS

MOLECWT =	53.50	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1530.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	37.40	SOLUBTMP=	293.1	A =	-79.86	B =	0.4000	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.3000E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	4.200	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMD CHEMNAME = AMMONIUM DICHROMATE PATHCODE = SS Z

MOLECWT =	252.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2150.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	26.23	SOLUBTMP=	293.1	A =	-129.4	B =	0.5300	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.9600E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMF CHEMNAME = AMMONIUM SULFITE PATHCODE = SS

MOLECWT =	134.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1100. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	61.30	SOLUBTMP=	293.1	A =	-135.1	B =	0.6700	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.4770E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMH CHEMNAME = AMMONIUM HYDROXIDE PATHCODE = A P R S

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	890.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1064	BRHO =	-0.6000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	258.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	4187.	LQHTCPTM=	293.2	AHC =	4187.	BHC =	0.0000E+00	LHCUPBND=	298.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	0.2730E+05
BVCP =	23.86	CVCP =	0.1717E-01	DVCP =	0.1172E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.000	INHALCNC=	100.0	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMK CHEMNAME = N-AMYL METHYL KETONE PATHCODE = A T U

MOLECWT =	114.2	NBP =	424.7	NFP =	238.0	CRITTEMP=			CRITPRES=		
DENSITY =	817.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1110.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E) LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.8100E-03		LQVISTMP=	293.1	
AVIS =	-10.31	BVIS =	933.0	LVUPRBND=	298.1	LVLWRBND=	283.1		LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=	1884.	(E) LQHTCPTM=	293.1	AHC =	1884.	(E) BHC =	0.0000E+00	(E)	LHCUPBND=	293.1	
LHCLOBND=	283.1	SURFTENS=	0.2617E-01	SFTNTEMP=	298.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=	0.4300	SOLUBTMP=	293.1	A =	0.4300	B =	0.0000E+00		AVP =	10.22	
BVP =	2214.	CVP =	-0.1500	VPUPRBND=	433.1	VPLWRBND=	293.1		AVCP =	0.1590E+05	(E
BVCP =	624.2	(E) CVCP =	-0.3403	(E) DVCP =	0.7180E-04	(E) VHCUPBND=	500.0		VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.3460E+06	HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.110	UPFLMLIM=	7.900		BURNRATE=		
TOXINHAL=	100.0	(E) INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AML CHEMNAME = AMYL ACETATE PATHCODE = A T U

MOLECWT =	130.2	NBP =	419.0	NFP =	173.0	(E)	CRITTEMP=		CRITPRES=		
DENSITY =	876.0	DENSTEMP=	293.2	SHPSTATE=	L		ARHO =	1173.	BRHO =	-1.0000	
CRHO =	0.0000E+00	LDUPRBND=	298.2	LDLWRBND=	273.2		LQVISPNT=	0.1020E-02	LQVISTMP=	293.2	
AVIS =	-20.68	BVIS =	4041.	LVUPRBND=	303.2		LVLWRBND=	283.2	LQTHRCND=	0.1303	
LTHCNTMP=	293.2	ACON =	0.1952	BCON =	-0.2210E-03		LTCUPBND=	363.2	LTCLOBND=	283.2	
LQHTCPPT=	1926.	LQHTCPTM=	293.2	AHC =	1129.		BHC =	2.763	LHCUPBND=	373.2	
LHCLOBND=	273.2	SURFTENS=	0.2568E-01	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01(E)	INTFTTMP=	290.0	(E
SOLUBPNT=	0.2000	SOLUBTMP=	293.2	A =			B =		AVP =	10.30	
BVP =	2220.	CVP =	0.4004E-01	VPUPRBND=	423.2		VPLWRBND=	273.2	AVCP =	0.2315E+05	
BVCP =	586.2	CVCP =	-0.2428	DVCP =	0.1424E-04		VHCUPBND=	600.0	VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.3140E+06	HTCOMBTN=	-0.3108E+08		HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100		UPFLMLIM=	7.500	BURNRATE=	0.6833E-04	
TOXINHAL=	100.0	INHALCNC=	200.0	INHALTME=	1800.		LOTOXLIM=		UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMM CHEMNAME = N-AMYL MERCAPTAN PATHCODE = A T U

MOLECWT =	104.2	NBP =	393.0	NFP =	197.0	CRITTEMP=	594.0	CRITPRES=	0.3500E+07		
DENSITY =	842.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1106.	BRHO =	-0.9000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-02	(E)	LQVISTMP=	293.1	
AVIS =	-12.91	(E)	BVIS =	2100.	(E)	LVUPRBND=	293.1	LVLWRBND=	273.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.1	LTCLOBND=	273.1
LQHTCPPT=	1926.	LQHTCPTM=	298.1	AHC =	677.6	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.2680E-01	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01	(E)	INTFTTMP=	293.1	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.47		
BVP =	2146.	CVP =	-0.1500	VPUPRBND=	393.1	VPLWRBND=	273.1	AVCP =	0.1419E+06		
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	250.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3970E+06	HTCOMBTN=	-0.3660E+08	(E)	HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.7849E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMN CHEMNAME = AMMONIUM NITRATE PATHCODE = SS

MOLECWT =	80.05	NBP =		NFP =	443.1	CRITTEMP=		CRITPRES=	
DENSITY =	1720.	DENSTEMP=	293.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-930.9	B =	3.840	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMR CHEMNAME = AMMONIUM STEARATE PATHCODE = A P SS

MOLECWT =	301.5	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1010.	DENSTEMP=	293.1	SHPSTATE=L	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMS CHEMNAME = AMMONIUM SULFATE PATHCODE = SS

MOLECWT =	132.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1780.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-242.7	B =	1.070	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMT CHEMNAME = AMMONIUM THIOCYANATE PATHCODE = A P SS

MOLECWT =	76.12		NBP =		NFP =	433.0	CRITTEMP=		CRITPRES=	
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	167.0		SOLUBTMP=	293.1	A =	-692.3	B =	2.930	AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSICN=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.3100E+06
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AMY CHEMNAME = N-AMYL CHLORIDE PATHCODE = A T U

MOLECWT =	106.6	NBP =	381.0	NFP =	174.0	CRITTEMP=			CRITPRES=		
DENSITY =	882.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1175.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-02	(E)	LQVISTMP=	293.1
AVIS =	-12.91	(E)	BVIS =	2100.	(E)	LVUPRBND=	293.1	LVLWRBND=	273.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.1	LTCLOBND=	273.1
LQHTCPPT=	1717.	(E)	LQHTCPTM=	293.1	AHC =	489.2	(E)	BHC =	4.187	(E)	LHCUPBND= 293.1
LHCLOBND=	273.1	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01	(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.716	(E	
BVP =	1794.	(E)	CVP =	0.5000E-01	(E)	VPUPRBND=	383.1	VPLWRBND=	273.1	AVCP =	0.2199E+05 (E
BVCP =	456.4	(E)	CVCP =	-0.2415	(E)	DVCP =	0.4940E-04	(E)	VHCUPBND=	300.0	VHCLOBND= 300.0
HTFUSION=		LHTVAPOR=	0.3200E+06	(E)	HTCOMBTN=	-0.3040E+08	(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400	UPFLMLIM=	8.600	BURNRATE=	0.8183E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ANI CHEMNAME = ISO-AMYL NITRITE PATHCODE = A T U V W

MOLECWT =	117.1	NBP =	372.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	871.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1164. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.3200E-02(E)	LQVISTMP=	293.1
AVIS =	-12.91 (E)	BVIS =	2100. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1861 (E
LTHCNTMP=	293.1	ACON =	0.1861 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	293.1	LTCLOBND=	283.1
LQHTCPPT=	1884. (E)	LQHTCPTM=	293.1	AHC =	1884. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	293.1
LHCLOBND=	283.1	SURFTENS=	0.2000E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =	.	B =		AVP =	13.17
BVP =	3036.	CVP =	-0.1500	VPUPRBND=	393.1	VPLWRBND=	293.1	AVCP =	0.1256E+06(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	350.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4940E+06	HTCOMSTN=	-0.2900E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.5678E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ANL CHEMNAME = ANILINE PATHCODE = A P Q T U X Y

MOLECWT =	93.13	NBP =	457.4	NFP =	267.1	CRITTEMP=	698.8	CRITPRES=	0.5310E+07
DENSITY =	1022.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1283.	BRHO =	-0.9192
CRHO =	0.9000E-04	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.4300E-02	LQVISTMP=	293.2
AVIS =	-13.90	BVIS =	2477.	LVUPRBND=	393.2	LVLWRBND=	273.2	LQTHRCND=	0.1779
LTHCNTMP=	293.2	ACON =	0.3314	BCON =	-0.5233E-03	LTCUPBND=	363.2	LTCLOBND=	283.2
LQHTCPPT=	2072.	LQHTCPTM=	293.2	AHC =	1041.	BHC =	3.517	LHCUPBND=	323.2
LHCLOBND=	273.2	SURFTENS=	0.4550E-01	SFTNTEMP=	293.2	INTFTENS=	0.5800E-02	INTFTTMP=	293.2
SOLUBPNT=	3.700	SOLUBTMP=	303.1	A =		B =		AVP =	12.06
BVP =	3090.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	283.2	AVCP =	-0.4051E+05
BVCP =	636.4	CVCP =	-0.5024	DVCP =	0.1633E-03	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4605E+06	HTCOMBTN=	-0.3483E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.300	UPFLMLIM=		BURNRATE=	0.5000E-04
TOXINHAL=	5.000	INHALCNC=	50.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ANP CHEMNAME = AMMONIUM NITRATE-PHOSPHATE MIXTURE PATHCODE = SS

MOLECWT =	NBP =	NFP =	CRITTEMP=	CRITPRES=
DENSITY = 1800.	DENSTEMP= 293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =	LDUPRBND=	LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =	BVIS =	LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=	ACON =	BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=	LQHTCPTM=	AHC =	BHC =	LHCUPBND=
LHCLOBND=	SURFTENS=	SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	SOLUBTMP=	A =	B =	AVP =
BVP =	CVP =	VPUPRBND=	VPLWRBND=	AVCP =
BVCP =	CVCP =	DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=	LHTVAPOR=	HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=	HTPOLYMR=	LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	INHALCNC=	INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =	ABFLMTMP=	MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =				

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ANS CHEMNAME = AMMONIUM NITRATE-SULFATE MIXTURE PATHCODE = SS

MOLECWT =	NBP =	NFP =	CRITTEMP=	CRITPRES=
DENSITY = 1800.	DENSTEMP= 293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =	LDUPRBND=	LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =	BVIS =	LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=	ACON =	BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=	LQHTCPTM=	AHC =	BHC =	LHCUPBND=
LHCLOBND=	SURFTENS=	SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	SOLUBTMP=	A =	B =	AVP =
BVP =	CVP =	VPUPRBND=	VPLWRBND=	AVCP =
BVCP =	CVCP =	DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=	LHTVAPOR=	HTCOMSTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=	HTPOLYMR=	LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	INHALCNC=	INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =	ABFLMTMP=	MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =				

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ANT CHEMNAME = N-AMYL NITRATE PATHCODE = A T U X Y

MOLECWT =	133.0	NBP =	423.0	(E)	NFP =	150.0	CRITTEMP=			CRITPRES=					
DENSITY =	1000.	DENSTEMP=	293.1		SHPSTATE=L		ARHO =	1293.	(E)	BRHO =	-1.000	(E			
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1		LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=					
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=			LQTHRCND=					
LTHCNTMP=		ACON =			BCON =		LTCUPBND=			LTCLOBND=					
LQHTCPPT=		LQHTCPTM=			AHC =		BHC =			LHCUPBND=					
LHCLOBND=		SURFTENS=			SFTNTEMP=		INTFTENS=			INTFTTMP=					
SOLUBPNT=		SOLUBTMP=			A =		B =			AVP =					
BVP =		CVP =			VPUPRBND=		VPLWRBND=			AVCP =					
BVCP =		CVCP =			DVCP =		VHCUPBND=			VHCLOBND=					
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=			HTSOLUTN=					
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=			BURNRATE=					
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=			UPTOXLIM=					
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =			FLMETEMP=					
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ANU CHEMNAME = AMMONIUM NITRATE-UREA SOLUTION PATHCODE = A P

MOLECWT =		NBP =	373.0	(E)	NFP =	273.0	CRITTEMP=			CRITPRES=	
DENSITY =	1327.	DENSTEMP=	293.1		SHPSTATE=L		ARHO =	1330.	(E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	293.1		LDLWRBND=	273.1	LQVISPNT=	0.1400E-02(E)		LQVISTMP=	298.1
AVIS =	-20.01	(E) BVIS =	4000.	(E)	LVUPRBND=	298.1	LVLWRBND=	283.1		LQTHRCND=	0.5815 (E
LTHCNTMP=	293.1	ACON =	0.5815	(E)	BCON =	0.0000E+00(E)	LTCUPBND=	293.1		LTCLOBND=	273.1
LQHTCPPT=	3768.	(E) LQHTCPTM=	293.1		AHC =	3768.	(E) BHC =	0.0000E+00(E)		LHCUPBND=	293.1
LHCLOBND=	273.1	SURFTENS=			SFTNTEMP=		INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =		B =			AVP =	
BVP =		CVP =			VPUPRBND=		VPLWRBND=			AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=			HTSOLUTN=	0.0000E+00
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=			BURNRATE=	
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AOL CHEMNAME = AMMONIUM OLEATE PATHCODE = SS

MOLECWT =	299.5	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1000. (E)	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AOX CHEMNAME = AMMONIUM OXALATE PATHCODE = SS II

MOLECWT =	142.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1500.	DENSTEMP=	291.6	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	4.800	SOLUBTMP=	293.1	A =	-30.38	B =	0.1200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.2300E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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APB CHEMNAME = AMMONIUM PENTABORATE PATHCODE = SS

MOLECWT =	272.2	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1580.	DENSTEMP=	288.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	10.60	SOLUBTMP=	293.1	A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.8200	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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APC CHEMNAME = ANTIMONY PENTACHLORIDE PATHCODE = A O

MOLECWT =	299.0	NBP =	448.0	NFP =	276.0	CRITTEMP=		CRITPRES=			
DENSITY =	2336.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	2629. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.3200E-02(E)	LQVISTMP=	293.1		
AVIS =	-12.91 (E)	BVIS =	2100. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1675. (E)	LQHTCPTM=	293.1	AHC =	1675. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1		
LHCLOBND=	283.1	SURFTENS=	0.1500E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.61		
BVP =	2511.	CVP =	-0.1500	VPUPRBND=	448.1	VPLWRBND=	283.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.1600E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.4925E+06		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=	0.3750E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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APE CHEMNAME = AMMONIUM PERSULFATE PATHCODE = SS

MOLECWT =	228.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1980.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	77.00	SOLUBTMP=	293.1	A =	-187.1	B =	0.9000	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.1800E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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APF CHEMNAME = ANTIMONY PENTAFLUORIDE PATHCODE = A O

MOLECWT =	216.7	NBP =	416.0	NFP =	280.0	CRITTEMP=				CRITPRES=	
DENSITY =	3150.	DENSTEMP=	288.1	SHPSTATE=L		ARHO =	3438.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.8200E-03	(E)	LQVISTMP=	293.1
AVIS =	-11.61	(E)	BVIS =	1320.	(E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=	1675.	(E)	LQHTCPTM=	293.1	AHC =	1675.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 298.1
LHCLOBND=	283.1	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =		B =			AVP =	10.01 (E
BVP =	2080	(E)	CVP =	-0.1500	(E)	VPUPRBND=	423.1	VPLWRBND=	373.1	AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.1800E+06	(E)	HTCOMBTN=		HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=			BURNRATE=	
TOXINHAL=	0.5200E-01	INHALCNC=			INHALTME=		LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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APP CHEMNAME = AMMONIUM PHOSPHATE PATHCODE = SS

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1700. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	68.90	SOLUBTMP=	293.1	A =	-139.2	B =	0.7100	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSICN=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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APS CHEMNAME = ACETYL PEROXIDE SOLUTION PATHCODE = A X Y

MOLECWT =	118.1	(E)	NBP =		NFP =	265.0	CRITTEMP=		CRITPRES=		
DENSITY =	1200.		DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1493.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-02	(E)	LQVISTMP=	293.1
AVIS =	-12.91	(E)	BVIS =	2100.	(E)	LVUPRBND=	303.1	LVLWRBND=	273.1	LQTHRCND=	0.1396 (E
LTHCNTMP=	293.1		ACON =	0.1396	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND= 273.1
LQHTCPPT=	1758.	(E)	LQHTCPTM=	293.1	AHC =	1758.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 303.1
LHCLOBND=	273.1		SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01	(E)	INTFTTMP= 293.1
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.3660E+08	(E)	HTDECOMP=	-0.1200E+06	(E)	HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=		
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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APT CHEMNAME = ANTIMONY POTASSIUM TARTRATE PATHCODE = SS

MOLECWT =	334.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2600.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	8.700	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3400E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ARD CHEMNAME = ARSENIC DISULFIDE PATHCODE = II

MOLECWT =	214.0	NBP =	838.0	NFP =	580.0	CRITTEMP=		CRITPRES=	
DENSITY =	3500.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5200E-02	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ARF CHEMNAME = ASPHALT BLENDING STOCK:ROOFERS FLUX PATHCODE = A T U

MOLECWT =			NBP =			NFP =	316.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =			DENSTEMP=			SHPSTATE=			ARHO =	1100.	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	350.0	(E)	LDLWRBND=	300.0	(E)	LQVISPNT=	0.7500E-01	(E)	LQVISTMP=	393.0	(E	
AVIS =	-8.040	(E)	BVIS =	2140.	(E)	LVUPRBND=	473.0	(E)	LVLWRBND=	373.0	(E)	LQTHRCND=	0.1400	(E	
LTHCNTMP=	350.0	(E)	ACON =	0.1400	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	400.0	(E)	LTCLOBND=	350.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	373.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	400.0	(E	
LHCLOBND=	300.0	(E)	SURFTENS=	0.1000E-01	(E)	SFTNTEMP=	350.0	(E)	INTFTENS=	0.7000E-01	(E)	INTFTTMP=	350.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	13.01	(E	
BVP =	4062.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	470.0	(E)	VPLWRBND=	370.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3900E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ARL CHEMNAME = ACROLEIN PATHCODE = A P Q R S Z

MOLECWT =	56.10	NBP =	326.0	NFP =	186.0	CRITTEMP=	527.0	(E)	CRITPRES=	0.5080E+07(E
DENSITY =	843.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1036.		BRHO =	-0.6600
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	263.1	LQVISPNT=	0.3600E-03		LQVISTMP=	293.1
AVIS =	-10.57	BVIS =	770.0	LVUPRBND=	333.1	LVLWRBND=	253.1		LQTHRCND=	0.2117
LTHCNTMP=	293.1	ACON =	0.4242	BCON =	-0.7269E-03	LTCUPBND=	353.1		LTCLOBND=	253.1
LQHTCPPT=	2257.	LQHTCPTM=	293.1	AHC =	1704.	BHC =	1.884		LHCUPBND=	353.1
LHCLOBND=	253.1	SURFTENS=	0.2400E-01	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01(E)		INTFTTMP=	293.1
SOLUBPNT=	21.00	SOLUBTMP=	293.1	A =	6.342	B =	0.5000E-01		AVP =	9.880
BVP =	1530.	CVP =	0.5000E-01	VPUPRBND=	373.1	VPLWRBND=	273.1		AVCP =	0.1884E+05
BVCP =	154.9	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	500.0		VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.5020E+06	HTCOMBTN=	-0.2900E+08	HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=	-0.1200E+06(E)	LOFLMLIM=	2.800	UPFLMLIM=	31.00		BURNRATE=	0.6346E-04
TOXINHAL=	0.1000	INHALCNC=	0.5000	INHALTME=	300.0	LOTOXLIM=			UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ART CHEMNAME = ARSENIC TRISULFIDE PATHCODE = II

MOLECWT =	246.0	NBP =		NFP =	573.0	CRITTEMP=		CRITPRES=	
DENSITY =	3430.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4560E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ASA CHEMNAME = ARSENIC ACID PATHCODE = SS

MOLECWT =	229.8	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2200.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	40.00	SOLUBTMP=	293.1	A =	26.54	B =	0.4600E-01	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	7100.
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4900E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ASC CHEMNAME = ANISOYL CHLORIDE PATHCODE = A O X

MOLECWT =	171.6	NBP =	535.0	NFP =	295.0	CRITTEMP=				CRITPRES=	
DENSITY =	1260.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1553.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.3400E-02	(E)	LQVISTMP=	293.1
AVIS =	-13.01	(E)	BVIS =	2150.	(E)	LVUPRBND=	293.1	LVLWRBND=	273.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.1	LTCLOBND=	273.1
LQHTCPPT=	1675.	(E)	LQHTCPTM=	293.1	AHC =	1675.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 298.1
LHCLOBND=	273.1	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =		B =			AVP =	10.11 (E
BVP =	2730.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	533.1	VPLWRBND=	473.1	AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=			HTCOMSTN=	-0.2440E+08	(E)	HTDECOMP=		HTSOLUTN=	0.2100E+06 (E
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=			BURNRATE=	
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ASF CHEMNAME = AMMONIUM SULFIDE PATHCODE = A P

MOLECWT =	68.14		NBP =	313.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	8.338
BVP =	1043.		CVP =	-0.1500	VPUPRBND=	323.1	VPLWRBND=	283.1	AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=	4.000	UPFLMLIM=	46.00	BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ASL CHEMNAME = AMMONIUM SILICOFLUORIDE PATHCODE = SS

MOLECWT =	178.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2000.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	20.70	SOLUBTMP=	293.1	A =	-102.4	B =	0.4200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.2000E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ASM CHEMNAME = AMMONIUM SULFAMATE PATHCODE = SS

MOLECWT =	114.1		NBP =		NFP =	404.0	CRITTEMP=		CRITPRES=	
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	212.0		SOLUBTMP=	293.1	A =	-902.0	B =	3.800	AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.960		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ASP CHEMNAME = ASPHALT PATHCODE = A T U X Y

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	1080.	(E)	DENSTEMP=	298.2		SHPSTATE=L			ARHO =			BRHO =			
CRHO =			LDUPRBND=			LDLWRBND=			LQVISPNT=	0.7500E-01	(E)	LQVISTMP=	393.0	(E	
AVIS =	-8.040	(E)	BVIS =	2140.	(E)	LVUPRBND=	473.0	(E)	LVLWRBND=	373.0	(E)	LQTHRCND=	0.1400	(E	
LTHCNTMP=	350.0	(E)	ACON =	0.1400	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	400.0	(E)	LTCLOBND=	350.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	373.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	400.0	(E	
LHCLOBND=	300.0	(E)	SURFTENS=	0.1000E 01	(E)	SFTNTEMP=	350.0	(E)	INTFTENS=	0.7000E-01	(E)	INTFTTMP=	350.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	13.01	(E	
BVP =	4062.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	470.0	(E)	VPLWRBND=	370.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3900E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ASR CHEMNAME = ASPHALT BLEND STOCK:STRAIGHT RUN RESIDUE PATHCODE = A T U

MOLECWT =		NBP =		NFP =	380.0	(E)	CRITTEMP=			CRITPRES=					
DENSITY =		DENSTEMP=		SHPSTATE=			ARHO =	1100.	(E)	BRHO =	0.0000E+00	(E			
CRHO =	0.0000E+00	(E)	LDUPRBND=	350.0	(E)	LDLWRBND=	300.0	(E)	LQVISPNT=	0.7500E-01	(E)	LQVISTMP=	393.0	(E	
AVIS =	-8.040	(E)	BVIS =	2140.	(E)	LVUPRBND=	473.0	(E)	LVLWRBND=	373.0	(E)	LQTHRCND=	0.1400	(E	
LTHCNTMP=	350.0	(E)	ACON =	0.1400	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	400.0	(E)	LTCLOBND=	350.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	373.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	400.0	(E	
LHCLOBND=	300.0	(E)	SURFTENS=	0.1000E-01	(E)	SFTNTEMP=	350.0	(E)	INTFTENS=	0.7000E-01	(E)	INTFTTMP=	350.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	13.01	(E	
BVP =	4062.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	470.0	(E)	VPLWRBND=	370.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3900E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AST CHEMNAME = ARSENIC TRICHLORIDE PATHCODE = A O

MOLECWT =	181.3	NBP =	403.0	NFP =	260.0	CRITTEMP=		CRITPRES=			
DENSITY =	2160.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	2453.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.1
AVIS =	-18.81	(E)	BVIS =	4000.	(E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.1	LTCLOBND=	273.1
LQHTCPPT=	1675.	(E)	LQHTCPTM=	293.1	AHC =	1675.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 298.1
LHCLOBND=	273.1	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.24	(E	
BVP =	2110.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	403.1	VPLWRBND=	283.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.4200E+05	(E	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=	0.6200E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATA CHEMNAME = ACETYLACETONE PATHCODE = A P Q

MOLECWT =	100.1		NBP =	413.6		NFP =	249.7		CRITTEMP=		CRITPRES=
DENSITY =	975.0		DENSTEMP=	293.1		SHPSTATE=L			ARHO =	1024.	BRHO = -0.1000
CRHO =	0.0000E+00		LDUPRBND=	313.1		LDLWRBND=	273.1		LQVISPNT=	0.8200E-03(E)	LQVISTMP= 293.1
AVIS =	-11.61	(E)	BVIS =	1320.	(E)	LVUPRBND=	298.1		LVLWRBND=	283.1	LQTHRCND= 0.1524
LTHCNTMP=	303.1		ACON =	0.1524		BCON =	0.0000E+00		LTCUPBND=	303.1	LTCLOBND= 283.1
LQHTCPPT=	2303.	(E)	LQHTCPTM=	293.1		AHC =	2303.	(E)	BHC =	0.0000E+00(E)	LHCUPBND= 298.1
LHCLOBND=	283.1		SURFTENS=	0.3120E-01		SFTNTEMP=	293.1		INTFTENS=		INTFTTMP=
SOLUBPNT=	12.60		SOLUBTMP=	293.1		A =	-72.41		B =	0.2900	AVP = 9.950
BVP =	2045.		CVP =	-0.1500		VPUPRBND=	423.1		VPLWRBND=	283.1	AVCP = 0.1514E+05(E
BVCP =	442.8	(E)	CVCP =	-0.2585	(E)	DVCP =	0.5778E-04(E)		VHCUPBND=	600.0	VHCLOBND= 250.0
HTFUSION=			LHTVAPOR=	0.3790E+06(E)		HTCOMBTN=	-0.2570E+08		HTDECOMP=		HTSOLUTN= -0.2700E+05
HTREACTN=			HTPOLYMR=			LOFLMLIM=	2.400		UPFLMLIM=	11.60	BURNRATE= 0.6012E-04
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM= 0.5000E-02
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATC CHEMNAME = ALLYLTRICHLOROSILANE PATHCODE = A O

MOLECWT =	175.5	NBP =	389.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1215.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1508. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-02(E)	LQVISTMP=	293.1
AVIS =	-12.91 (E)	BVIS =	2100. (E)	LVUPRBND=	303.1	LVLWRBND=	273.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	273.1
LQHTCPPT=	2093. (E)	LQHTCPTM=	293.1	AHC =	2093. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.2000E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.28
BVP =	2051.	CVP =	0.5000E-01	VPUPRBND=	388.1	VPLWRBND=	253.1	AVCP =	0.1047E+06(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	350.0	VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.2300E+06	HTCOMBTN=	-0.1200E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.3674E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATF CHEMNAME = AMMONIUM THIOSULFATE PATHCODE = A P SS

MOLECWT =	148.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2000.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATH CHEMNAME = ANTHRACENE PATHCODE = II

MOLECWT =	178.2	NBP =	614.4	NFP =	489.7	CRITTEMP=		CRITPRES=	
DENSITY =	1240.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3980E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATM CHEMNAME = ANTIMONY TRICHLORIDE PATHCODE = RR

MOLECWT =	228.0	NBP =	496.0	NFP =	346.0	CRITTEMP=		CRITPRES=	
DENSITY =	3140.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.53
BVP =	2729.	CVP =	-0.1500	VPUPRBND=	443.1	VPLWRBND=	383.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.1600E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4900E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATN CHEMNAME = ACETONITRILE PATHCODE = A P Q R S

MOLECWT =	41.05	NBP =	354.8	NFP =	227.5	CRITTEMP=	547.9	CRITPRES=	0.4830E+07
DENSITY =	787.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1094.	BRHO =	-1.024
CRHO =	-0.1400E-03	LDUPRBND=	353.2	LDLWRBND=	228.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2261.	LQHTCPTM=	293.2	AHC =	2261.	BHC =	0.0000E+00	LHCUPBND=	303.2
LHCLOBND=	283.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.198
BVP =	1279.	CVP =	-49.16	VPUPRBND=	383.2	VPLWRBND=	258.2	AVCP =	0.2048E+05
BVCP =	119.7	CVCP =	-0.4480E-01	DVCP =	-0.3224E-05	VHCUPBND=	300.0	VHCLOBND=	250.0
HTFUSION=	0.2177E+06	LHTVAPOR=	0.7285E+06	HTCOMBTN=	-0.3107E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	4.400	UPFLMLIM=	16.00	BURNRATE=	0.4500E-04
TOXINHAL=	40.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATO CHEMNAME = ARSENIC TRIOXIDE PATHCODE = II SS

MOLECWT =	197.8	NBP =	730.0	NFP =	588.0	CRITTEMP=		CRITPRES=	
DENSITY =	3700.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	2.000	SOLUBTMP=	298.1	A =	-18.87	B =	0.7000E-01	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATR CHEMNAME = AMMONIUM TARTRATE PATHCODE = SS

MOLECWT =	184.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1600.	DENSTEMP=	298.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LOVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	63.00	SOLUBTMP=	293.1	A =	-200.8	B =	0.9000	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATS CHEMNAME = N-AMYLTRICHLOROSILANE PATHCODE = A O

MOLECWT =	205.6	NBP =	433.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	1137.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1435. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.5700E-02(E)	LQVISTMP=	293.1		
AVIS =	-18.81 (E)	BVIS =	4000. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	298.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1884. (E)	LQHTCPTM=	298.1	AHC =	635.8 (E)	BHC =	4.187 (E)	LHCUPBND=	298.1		
LHCLOBND=	283.1	SURFTENS=	0.2000E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.310	(E	
BVP =	1431. (E)	CVP =	-0.1500 (E)	VPUPRBND=	433.1	VPLWRBND=	293.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2020E+06(E)	HTCOMBTN=	-0.1540E+08(E)	HTDECOMP=		HTSOLUTN=	0.4000E+06(E		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.4175E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATT CHEMNAME = ANTIMONY TRIFLUORIDE PATHCODE = SS

MOLECWT =	178.8	NBP =		NFP =	565.0	CRITTEMP=		CRITPRES=	
DENSITY =	4380.	DENSTEMP=	294.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-789.6	B =	4.300	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.6270E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

AD-A034 607 LITTLE (ARTHUR D) INC CAMBRIDGE MASS F/G 7/2
CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
DEC 76 E ATKINSON
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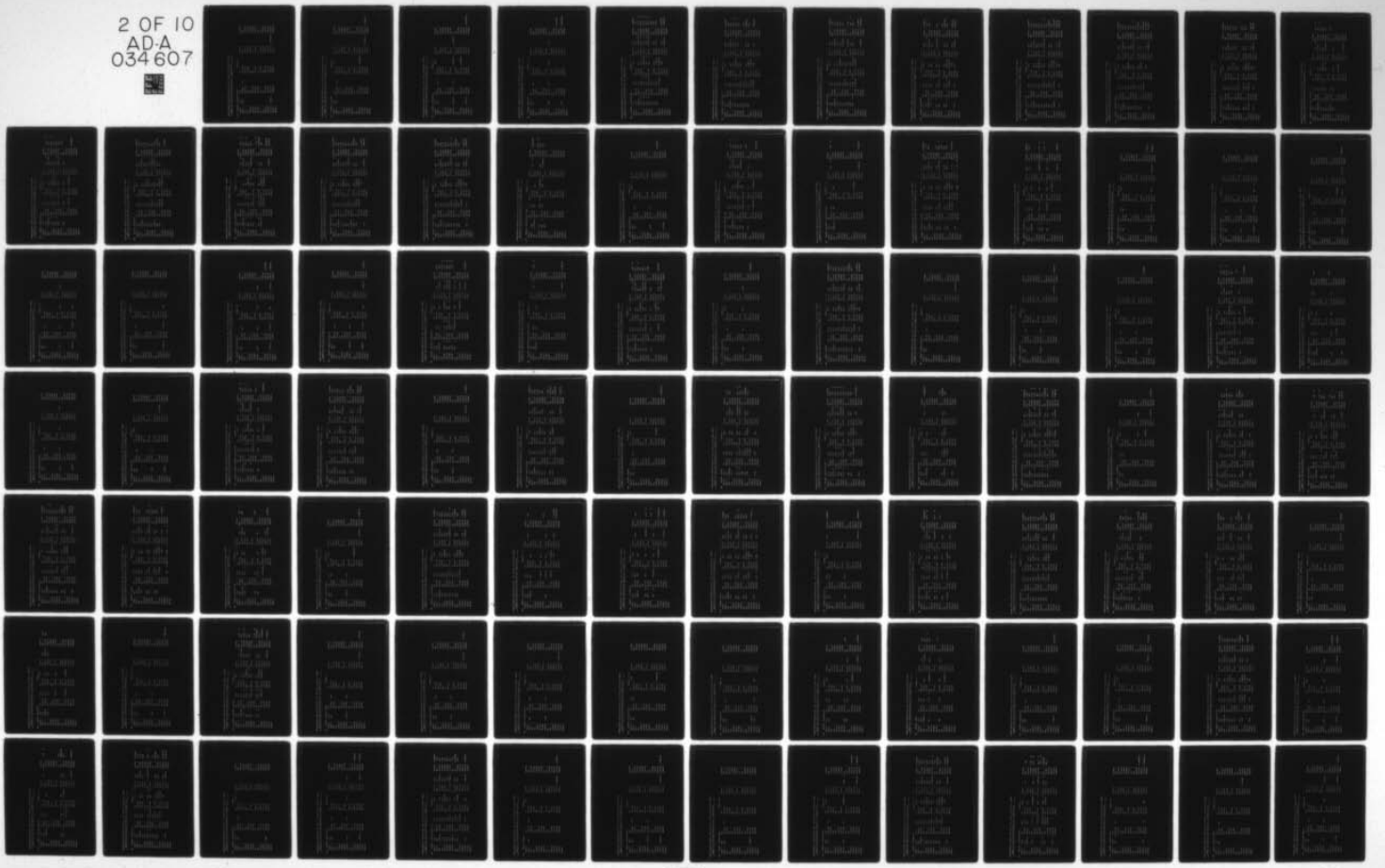

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S_I SYSTEM OF UNITS

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ATX CHEMNAME = ANTIMONY TRIOXIDE PATHCODE = II

MOLECWT =	291.5	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	5200.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3800E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.2000E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ATZ CHEMNAME = ATRAZINE PATHCODE = II

MOLECWT =	215.7	NBP =		NFP =	348.0	CRITTEMP=		CRITPRES=	
DENSITY =	1200. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2200E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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AZM CHEMNAME = AZINPHOSMETHYL PATHCODE = II

MOLECWT =	317.0	NBP =		NFP =	346.0	CRITTEMP=		CRITPRES=	
DENSITY =	1400.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.3100E-02	SOLUBTMP=	293.1	A =	-0.3501E-01	B =	0.1300E-03	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2000E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1400E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BAC CHEMNAME = BORIC ACID PATHCODE = II SS

MOLECWT =	61.83	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1510.	DENSTEMP=	287.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	4.900	SOLUBTMP=	293.1	A =	-27.35	B =	0.1100	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.3700E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	3.625	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BAD CHEMNAME = ISO-BUTYRALDEHYDE PATHCODE = A P Q

MOLECWT =	72.11		NBP =	337.3		NFP =	193.0		CRITTEMP=	513.0		CRITPRES=	0.4200E+07		
DENSITY =	791.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1112.		BRHO =	-1.100		
CRHO =	0.0000E+00		LDUPRBND=	333.2		LDLWRBND=	273.2		LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0		(E
AVIS =	-10.64	(E)	BVIS =	838.0	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	233.0	(E)	LQTHRCND=	0.1450		(E
LTHCNTMP=	293.0	(E)	ACON =	0.2130	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	333.0	(E)	LTCLOBND=	223.0		(E
LQHTCPPT=	2176.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1564.	(E)	BHC =	2.090	(E)	LHCUPBND=	303.0		(E
LHCLOBND=	223.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5500E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=	6.500		SOLUBTMP=	293.2		A =			B =			AVP =	9.069		
BVP =	1163.		CVP =	-51.16		VPUPRBND=	373.2		VPLWRBND=	273.2		AVCP =	5024.		
BVCP =	362.2		CVCP =	-0.1633		DVCP =	0.1381E-04		VHCUPBND=	500.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.4103E+06		HTCOMBTN=	-0.3221E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	2.000		UPFLMLIM=	10.00		BURNRATE=	0.8000E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BAI CHEMNAME = ISO-BUTYL ACRYLATE PATHCODE = A T U Z

MOLECWT =	128.2	NBP =	411.1	NFP =	212.1	CRITTEMP=	588.0	CRITPRES=	0.3000E+07						
DENSITY =	889.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1182.	BRHO =	-1.0000						
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=	0.8300E-03	LQVISTMP=	293.2						
AVIS =	-11.60	BVIS =	1322.	LVUPRBND=	323.2	LVLWRBND=	273.2	LQTHRCND=	0.1507	(E					
LTHCNTMP=	295.0	(E)	ACON =	0.2100	(E)	BCON =	-0.2000E-03	(E)	LTCUPBND=	350.0	(E)	LTCLOBND=	280.0	(E	
LQHTCPPT=	1800.	LQHTCPTM=	293.2	AHC =	572.9	BHC =	4.187	LHCUPBND=	323.2						
LHCLOBND=	273.2	SURFTENS=	0.2470E-01	SFTNTEMP=	298.2	INTFTENS=		INTFTTMP=							
SOLUBPNT=	0.2000	SOLUBTMP=	293.2	A =		B =		AVP =	8.939						
BVP =	1695.	CVP =	0.4004E-01	VPUPRBND=	353.2	VPLWRBND=	273.2	AVCP =	0.4605E+05						
BVCP =	598.7	CVCP =	-0.2931	DVCP =	0.3266E-04	VHCUPBND=	600.0	VHCLOBND=	250.0						
HTFUSION=		LHTVAPOR=	0.2973E+06	HTCOMBTN=	-0.3140E+08	HTDECOMP=		HTSOLUTN=							
HTREACTN=		HTPOLYMR=	-0.5317E+06	LOFLMLIM=	1.900	UPFLMLIM=	8.000	BURNRATE=	0.8000E-04						
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=							
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=							
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BAL CHEMNAME = BENZYL ALCOHOL PATHCODE = A P T X

MOLECWT =	108.1	NBP =	478.0	NFP =	257.9	CRITTEMP=	676.0	CRITPRES=	0.4570E+07
DENSITY =	1050.	DENSTEMP=	288.1	SHPSTATE=L		ARHO =	1338.	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.8000E-02	LQVISTMP=	293.1
AVIS =	-14.52	BVIS =	2840.	LVUPRBND=	373.1	LVLWRBND=	283.1	LQTHRCND=	0.1570
LTHCNTMP=	293.1	ACON =	0.1570	BCON =	0.0000E+00	LTCUPBND=	298.1	LTCLOBND=	273.1
LQHTCPPT=	2177.	LQHTCPTM=	293.1	AHC =	2177.	BHC =	0.0000E+00	LHCUPBND=	293.1
LHCLOBND=	273.1	SURFTENS=	0.3900E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	3.500	SOLUBTMP=	293.1	A =	-11.16	B =	0.5000E-01	AVP =	11.25
BVP =	2983.	CVP =	-0.1500	VPUPRBND=	483.1	VPLWRBND=	353.1	AVCP =	-7381. (E
BVCP =	548.1 (E)	CVCP =	-0.3357 (E)	DVCP =	0.7771E-04(E)	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4480E+06	HTCOMBTN=	-0.3450E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6246E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BAM CHEMNAME = N-BUTYLAMINE PATHCODE = A P Q R S

MOLECWT =	73.14	NBP =	350.6	NFP =	224.0	CRITTEMP=	524.0	CRITPRES=	0.4160E+07		
DENSITY =	740.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1033.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.6800E-03	LQVISTMP=	298.1	
AVIS =	-11.72	(E)	BVIS =	1320.	(E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=	2010.	(E)	LQHTCPTM=	293.1	AHC =	2010.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 298.1
LHCLOBND=	288.1		SURFTENS=	0.5311E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=		
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	9.061	
BVP =	1210.		CVP =	-52.30	VPUPRBND=	353.1	VPLWRBND=	273.1	AVCP =	0.2500E+05	(E
BVCP =	389.0	(E)	CVCP =	-0.1576	(E)	DVCP =	0.6753E-05	(E)	VHCUPBND=	600.0	VHCLOBND= 250.0
HTFUSION=			LHTVAPOR=	0.4200E+06	HTCOMBTN=	-0.4090E+08	HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=	1.700	UPFLMLIM=	9.800	BURNRATE=	0.9669E-04	
TOXINHAL=	5.000		INHALCNC=	5.000	INHALTME=	300.0	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BAN CHEMNAME = N-BUTYL ALCOHOL PATHCODE = A P Q

MOLECWT =	74.12	NBP =	390.9	NFP =	183.9	CRITTEMP=	563.0	CRITPRES=	0.4412E+07		
DENSITY =	810.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	988.6	BRHO =	-0.5152		
CRHO =	-0.3200E-03	LDUPRBND=	333.2	LDLWRBND=	263.2	LQVISPNT=	0.2770E-02	LQVISTMP=	295.2		
AVIS =	-13.72	BVIS =	2311.	LVUPRBND=	353.2	LVLWRBND=	283.2	LQTHRCND=	0.1524		
LTHCNTMP=	293.2	ACON =	0.2142	BCON =	-0.2093E-03	LTCUPBND=	363.2	LTCLOBND=	283.2		
LQHTCPPT=	2328.	LQHTCPTM=	293.2	AHC =	-863.4	BHC =	10.89	LHCUPBND=	353.2		
LHCLOBND=	283.2	SURFTENS=	0.2460E-01	SFTNTEMP=	293.2	INTFTENS=	0.5600E-01(E)	INTFTTMP=	300.0	(E	
SOLUBPNT=	7.800	SOLUBTMP=	293.2	A =		B =		AVP =	12.24		
BVP =	2778.	CVP =	0.4004E-01	VPUPRBND=	343.2	VPLWRBND=	283.2	AVCP =	0.1926E+05		
BVCP =	351.7	CVCP =	-0.1675	DVCP =	0.3056E-04	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=	0.1252E+06	LHTVAPOR=	0.5945E+06	HTCOMBTN=	-0.3310E+08	HTDECOMP=		HTSOLUTN=	-0.1000E+05(E		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400	UPFLMLIM=	11.20	BURNRATE=	0.5333E-04		
TOXINHAL=	100.0	INHALCNC=	150.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN ST SYSTEM OF UNITS

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BAS CHEMNAME = SEC-BUTYL ALCOHOL PATHCODE = A P Q

MOLECWT =	74.12	NBP =	372.7	NFP =	158.5	CRITTEMP=	536.0	CRITPRES=	0.4193E+07		
DENSITY =	807.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1101.	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=	0.3630E-02	LQVISTMP=	293.2		
AVIS =	-12.96	BVIS =	2150.	LVUPRBND=	353.2	LVLWRBND=	273.2	LQTHRCND=	0.1477		
LTHCNTMP=	293.2	ACON =	0.2500	BCON =	-0.3489E-03	LTCUPBND=	313.2	LTCLOBND=	263.2		
LQHTCPPT=	2407.	LQHTCPTM=	293.2	AHC =	689.0	BHC =	5.862	LHCUPBND=	313.2		
LHCLOBND=	253.2	SURFTENS=	0.2300E-01	SFTNTEMP=	293.2	INTFTENS=	0.5800E-01(E)	INTFTTMP=	300.0	(E	
SOLUBPNT=	20.00	SOLUBTMP=	293.2	A =		B =		AVP =	9.819		
BVP =	1414.	CVP =	-79.16	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.1214E+05		
BVCP =	406.1	CVCP =	-0.2219	DVCP =	0.4605E-05	VHCUPBND=	500.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.5652E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.1000E+05(E		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.700	UPFLMLIM=	9.000	BURNRATE=	0.5167E-04		
TOXINHAL=	150.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BAT CHEMNAME = TERT-BUTYL ALCOHOL PATHCODE = A P Q R S

MOLECWT =	74.12	NBP =	355.8	NFP =	298.9	CRITTEMP=	506.0	CRITPRES=	0.3970E+07
DENSITY =	780.0	DENSTEMP=	299.2	SHPSTATE=L		ARHO =	1060.	BRHO =	-0.9400
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	298.2	LQVISPNT=	0.3000E-02	LQVISTMP=	305.2
AVIS =	-18.46	BVIS =	3861.	LVUPRBND=	353.2	LVLWRBND=	298.2	LQTHRCND=	0.1128
LTHCNTMP=	293.2	ACON =	0.1469	BCON =	-0.1163E-03	LTCUPBND=	353.2	LTCLOBND=	263.2
LQHTCPPT=	3014.	LQHTCPTM=	298.2	AHC =	-730.5	BHC =	12.56	LHCUPBND=	353.2
LHCLOBND=	298.2	SURFTENS=	0.2070E-01	SFTNTEMP=	298.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.67
BVP =	2360.	CVP =	0.4004E-01	VPUPRBND=	343.2	VPLWRBND=	298.2	AVCF =	837.4
BVCP =	452.2	CVCP =	-0.2638	DVCP =	0.5862E-04	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=	0.9169E+05	LHTVAPOR=	0.5443E+06	HTCOMBTN=	-0.3257E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.350	UPFLMLIM=	8.000	BURNRATE=	0.5667E-04
TOXINHAL=	100.0	INHALCNC=	150.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BBP CHEMNAME = BENZYL N-BUTYL PHTHALATE PATHCODE = A X

MOLECWT =	313.0	NBP =	643.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	1120.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1413. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.2570E-01	LQVISTMP=	293.1		
AVIS =	-14.80	BVIS =	3264.	LVUPRBND=	363.1	LVLWRBND=	293.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	2093. (E)	LQHTCPTM=	293.1	AHC =	2093. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1		
LHCLOBND=	283.1	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=	0.3000E-03	SOLUBTMP=	303.1	A =		B =		AVP =	12.06		
BVP =	4540.	CVP =	-0.1500	VPUPRBND=	643.1	VPLWRBND=	423.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3380E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BBR CHEMNAME = BENZYL BROMIDE PATHCODE = A O X Y

MOLECWT =	171.0	NBP =	471.0	NFP =	269.3	CRITTEMP=			CRITPRES=		
DENSITY =	1440.	DENSTEMP=	295.1	SHPSTATE=L		ARHO =	1733.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LOVISPNT=	0.8200E-03	(E)	LOVISTMP=	293.1
AVIS =	-11.61	(E)	BVIS =	1320.	(E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LOTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	283.1
LOHTCPPT=	1884.	(E)	LOHTCPTM=	293.1	AHC =	656.7	(E)	BHC =	4.187	(E)	LHCUPBND= 298.1
LHCLOBND=	283.1	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01	(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.22		
BVP =	2460.	CVP =	-0.1500	VPUPRBND=	473.1	VPLWRBND=	343.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2780E+06	HTCOMBTN=	-0.2100E+08	(E)	HTDECOMP=	HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.4342E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BBZ CHEMNAME = BROMOBENZENE PATHCODE = A X Y

MOLECWT =	157.0	NBP =	429.0	NFP =	242.6	CRITTEMP=	670.0	CRITPRES=	0.4520E+07
DENSITY =	1490.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1902.	BRHO =	-1.400
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	273.1	LQVISPNT=	0.1160E-02	LQVISTMP=	293.1
AVIS =	-10.85	BVIS =	1200.	LVUPRBND=	373.1	LVLWRBND=	278.1	LQTHRCND=	0.1116
LTHCNTMP=	293.1	ACON =	0.1271	BCON =	-0.5234E-04	LTCUPBND=	373.1	LTCLOBND=	273.1
LQHTCPPT=	1005.	LQHTCPTM=	293.1	AHC =	619.9	BHC =	1.256	LHCUPBND=	373.1
LHCLOBND=	273.1	SURFTENS=	0.3600E-01	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	0.5000E-01	SOLUBTMP=	303.1	A =	-0.1530	B =	0.6700E-03	AVP =	10.10
BVP =	2186.	CVP =	-0.1500	VPUPRBND=	443.1	VPLWRBND=	283.1	AVCP =	0.1750E+05
BVCP =	273.4	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2400E+06	HTCOMBTN=	-0.1900E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6346E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BCF CHEMNAME = BENZYL CHLOROFORMATE PATHCODE = A O X Y

MOLECWT =	170.6	NBP =	425.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	1220.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1473. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.2570E-02	LQVISTMP=	293.1		
AVIS =	-12.11 (E)	BVIS =	1800. (E)	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	293.1	LTCLOBND=	283.1		
LQHTCPPT=	1884. (E)	LQHTCPTM=	293.1	AHC =	1884. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1		
LHCLOBND=	283.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	17.12	(E	
BVP =	5150. (E)	CVP =	-0.1500 (E)	VPUPRBND=	423.1	VPLWRBND=	373.1	AVCP =	0.1256E+06(E		
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	350.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.2100E+06(E)	HTCOMSTN=	-0.2400E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6680E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BCL CHEMNAME = BENZYL CHLORIDE PATHCODE = A O X Y

MOLECWT =	126.6	NBP =	452.6	NFP =	234.0	CRITTEMP=	684.0	(E)	CRITPRES=	0.3910E+07(E
DENSITY =	1100.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1458.		BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	273.1	LQVISPNT=	0.1380E-02		LQVISTMP=	293.1
AVIS =	-11.12	BVIS =	1330.	LVUPRBND=	353.1	LVLWRBND=	283.1		LQTHRCND=	0.1303
LTHCNTMP=	293.1	ACON =	0.1441	BCON =	-0.4652E-04	LTCUPBND=	373.1		LTCLOBND=	273.1
LQHTCPPT=	1369.	LQHTCPTM=	293.1	AHC =	962.4	BHC =	1.382		LHCUPBND=	373.1
LHCLOBND=	273.1	SURFTENS=	0.3750E-01	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.1
SOLUBPNT=	0.3300E-02	SOLUBTMP=	298.1	A =		B =			AVP =	10.19
BVP =	2360.	CVP =	-0.1500	VPUPRBND=	453.1	VPLWRBND=	293.1		AVCP =	0.2550E+05
BVCP =	352.9	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0		VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2900E+06	HTCOMBTN=	-0.2800E+08	HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=			BURNRATE=	0.7014E-04
TOXINHAL=	1.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BCN CHEMNAME = N-BUTYL ACETATE PATHCODE = A T U

MOLECWT =	116.2	NBP =	399.0	NFP =	199.7	CRITTEMP=	579.1	CRITPRES=	0.3100E+07		
DENSITY =	875.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1168.	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=	0.6930E-03	LQVISTMP=	298.2		
AVIS =	-10.19	BVIS =	870.0	LVUPRBND=	333.2	LVLWRBND=	283.2	LQTHRCND=	0.1372		
LTHCNTMP=	293.2	ACON =	0.2129	BCON =	-0.2559E-03	LTCUPBND=	363.2	LTCLOBND=	283.2		
LQHTCPPT=	1922.	LQHTCPTM=	293.2	AHC =	1247.	BHC =	2.303	LHCUPBND=	333.2		
LHCLOBND=	273.2	SURFTENS=	0.2400E-01	SFTNTEMP=	293.2	INTFTENS=	0.5700E-01(E)	INTFTTMP=	295.0	(E	
SOLUBPNT=	1.000	SOLUBTMP=	293.2	A =		B =		AVP =	10.18		
BVP =	2070.	CVP =	0.4004E-01	VPUPRBND=	323.2	VPLWRBND=	273.2	AVCP =	0.2152E+05		
BVCP =	502.4	CVCP =	-0.1926	DVCP =	0.3475E-05	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3094E+06	HTCOMBTN=	-0.3054E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.700	UPFLMLIM=	7.600	BURNRATE=	0.7333E-04		
TOXINHAL=	150.0 (E)	INHALCNC=	300.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BCP CHEMNAME = BOILER COMPOUND, LIQUID PATHCODE = A P

MOLECWT =		NBP =	377.0	(E)	NFP =		CRITTEMP=			CRITPRES=	
DENSITY =	1480.	DENSTEMP=	293.1		SHPSTATE=L		ARHO =	1480.	(E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1		LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=	
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=			LQTHRCND=	0.5815 (E
LTHCNTMP=	293.1	ACON =	0.5815	(E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1		LTCLOBND=	283.1
LQHTCPPT=	2931.	(E) LQHTCPTM=	293.1		AHC =	2931.	(E) BHC =	0.0000E+00(E)		LHCUPBND=	298.1
LHCLOBND=	283.1	SURFTENS=			SFTNTEMP=		INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =		B =			AVP =	
BVP =		CVP =			VPUPRBND=		VPLWRBND=			AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=			BURNRATE=	
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BCR CHEMNAME = BARIUM CHLORATE PATHCODE = SS

MOLECWT =	332.0	NBP =		NFP =	687.0	(E)	CRITTEMP=	CRITPRES=	
DENSITY =	3180.	DENSTEMP=	293.1	SHPSTATE=S			ARHO =	BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=	LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =			LTCUPBND=	LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =	LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=	INTFTTMP=	
SOLUBPNT=	20.35	SOLUBTMP=	273.1	A =			B =	AVP =	
BVP =		CVP =		VPUPRBND=			VPLWRBND=	AVCP =	
BVCP =		CVCP =		DVCP =			VHCUPBND=	VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=			HTDECOMP=	HTSOLUTN=	0.8400E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=	BURNRATE=	
TOXINHAL=	0.3400E-01	INHALCNC=		INHALTME=			LOTOXLIM=	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BCS CHEMNAME = BUTYLTRICHLOROSILANE PATHCODE = A O

MOLECWT =	191.5	NBP =	415.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	1160.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1502. (E)	BRHO =	-1.160	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	278.1	LQVISPNT=	0.3200E-02(E)	LQVISTMP=	293.1		
AVIS =	-12.91	BVIS =	2100.	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1256. (E)	LQHTCPTM=	293.1	AHC =	1256. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1		
LHCLOBND=	283.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.799		
BVP =	1574.	CVP =	-0.1500	VPUPRBND=	413.1	VPLWRBND=	293.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.1900E+06(E)	HTCOMBTN=	-0.1000E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.3674E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BDE CHEMNAME = BISPHENOL A DIGLYCIDYL ETHER PATHCODE = A X

MOLECWT =	340.0	NBP =		NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	1160.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1453.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =		
BVP =		CVP =		VPUPRBND=		VPLWRBND=			AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3500E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN ST SYSTEM OF UNITS

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BDI CHEMNAME = BUTADIENE INHIBITED PATHCODE = A B C D E F G Z

MOLECWT =	54.09	NBP =	268.8	NFP =	164.3	CRITTEMP=	425.0	CRITPRES=	0.4320E+07		
DENSITY =	621.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	944.3	BRHO =	-1.100		
CRHO =	0.0000E+00	LDUPRBND=	293.2	LDLWRBND=	193.2	LQVISPNT=	0.2000E-03	LQVISTMP=	268.8		
AVIS =	-10.57	BVIS =	550.0	LVUPRBND=	313.2	LVLWRBND=	193.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2345.	LQHTCPTM=	293.2	AHC =	1003.	BHC =	4.605	LHCUPBND=	313.2		
LHCLOBND=	193.2	SURFTENS=	0.1340E-01	SFTNTEMP=	293.2	INTFTENS=	0.6700E-01(E)	INTFTTMP=	295.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.984		
BVP =	935.5	CVP =	-33.56	VPUPRBND=	303.2	VPLWRBND=	223.2	AVCP =	-5401.		
BVCP =	349.6	CVCP =	-0.2345	DVCP =	0.5862E-04	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4187E+06	HTCOMBTN=	-0.4421E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=	-0.1277E+07	LOFLMLIM=	2.000	UPFLMLIM=	11.50	BURNRATE=	0.1333E-03		
TOXINHAL=	1000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=	0.9286 (E)	AIRFUEL =	13.96 (E)	FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BDO CHEMNAME = 1,4-BUTANEDIOL PATHCODE = A P O

MOLECWT =	90.12		NBP =	501.2		NFP =	293.3		CRITTEMP=	653.0		CRITPRES=	0.5000E+07		
DENSITY =	1017.		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1310.		BRHO =	-1.000		
CRHO =	0.0000E+00		LDUPRBND=	353.2		LDLWRBND=	293.2		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	2190.	(E)	LQHTCPTM=	300.0	(E)	AHC =	2190.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	310.0	(E	
LHCLOBND=	295.0	(E)	SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	12.27	(E	
BVP =	3637.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	340.0	(E)	VPLWRBND=	295.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.2770E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BEC CHEMNAME = BERYLLIUM CHLORIDE PATHCODE = RR

MOLECWT =	79.90	NBP =	793.0	NFP =	713.0	CRITTEMP=		CRITPRES=	
DENSITY =	1900.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.2330E+07
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5600E-03	INHALCNC=	0.7000E-02	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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BEF CHEMNAME = BERYLLIUM FLUORIDE PATHCODE = SS

MOLECWT =	47.00	NBP =		NFP =			CRITTEMP=		CRITPRES=
DENSITY =	1990.	DENSTEMP=	293.1	SHPSTATE=S			ARHO =		BRHO =
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=
SOLUBPNT=	50.00	SOLUBTMP=	298.1	A =			B =		AVP =
BVP =		CVP =		VPUPRBND=			VPLWRBND=		AVCP =
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=			HTDECOMP=		HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=
TOXINHAL=	0.1000E-02	INHALCNC=	0.1200E-01	INHALTME=	1800.	(E)	LOTOXLIM=		UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BEM CHEMNAME = BERYLLIUM, METALLIC PATHCODE = II

MOLECWT =	9.010	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1850.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.6520E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5000E-02	INHALCNC=	0.6200E-01	INHALTME=	300.0	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BEN CHEMNAME = BERYLLIUM NITRATE PATHCODE = SS

MOLECWT =	205.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1560.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	107.0	SOLUBTMP=	293.1	A =	-16.12	B =	0.4200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2200E-03	INHALCNC=	0.2700E-02	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S' SYSTEM OF UNITS

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BEO CHEMNAME = BERYLLIUM OXIDE PATHCODE = II

MOLECWT =	25.00	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3000.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1800E-02	INHALCNC=	0.2240E-01	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BES CHEMNAME = BERYLLIUM SULFATE PATHCODE = SS

MOLECWT =	177.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1710.	DENSTEMP=	284.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	28.00	SOLUBTMP=	293.1	A =	-1.315	B =	0.1000	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.3000E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2500E-03	INHALCNC=	0.3200E-02	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BHC CHEMNAME = BENZENE HEXACHLORIDE PATHCODE = II

MOLECWT =	290.8	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1891.	DENSTEMP=	292.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1000E-02	SOLUBTMP=	293.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3850E-01	INHALCNC=	0.7700E-01	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN ST SYSTEM OF UNITS

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BHP CHEMNAME = TERT-BUTYL HYDROPEROXIDE PATHCODE = A P O Z

MOLECWT =	90.12		NBP =			NFP =	238.0		CRITTEMP=			CRITPRES=		
DENSITY =	880.0		DENSTEMP=	298.2		SHPSTATE=L			ARHO =	1173.		BRHO =	-1.0000	
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	283.2		LQVISPNT=	0.7000E-02		LQVISTMP=	298.2	
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1700	(E
LTHCNTMP=	295.0	(E)	ACON =	0.1700	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	295.0	(E)	LTCLOBND=	273.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	295.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	295.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	295.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	295.0	(E
SOLUBPNT=	8.000		SOLUBTMP=	293.2		A =			B =			AVP =	16.75	(E
BVP =	4000.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	295.0	(E)	VPLWRBND=	273.0	(E)	AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3000E+08	(E)	HTDECOMP=	-0.1570E+07		HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BMA CHEMNAME = BENZYLTRIMETHYLAMMONIUM CHLORIDE PATHCODE = A P

MOLECWT =	172.0	NBP =		NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	1070.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1363.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =		
BVP =		CVP =		VPUPRBND=		VPLWRBND=			AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BMN CHEMNAME = N-BUTYL METHACRYLATE PATHCODE = A T U

MOLECWT =	142.2	NBP =	436.0	NFP =	273.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	890.0	DENSTEMP=	293.1	SHPSTATE=	L		ARHO =	1183.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1		LQVISPNT=	0.3200E-02	(E)	LQVISTMP=	293.1
AVIS =	-12.91	BVIS =	2100.	LVUPRBND=	298.1		LVLWRBND=	288.1		LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1		LTCLOBND=	288.1
LQHTCPPT=	1926.	(E)	LQHTCPTM=	293.1	AHC =	1926.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.1
LHCLOBND=	288.1		SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.1		INTFTENS=	0.3500E-01	(E)	INTFTTMP=	293.1
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.685
BVP =	2040.		CVP =	-0.1500		VPUPRBND=	438.1		VPLWRBND=	293.1		AVCP =	
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3440E+08	(E)	HTDECOMP=			HTSOLUTN=	
HTREACTN=			HTPOLYMR=	-0.4200E+06		LOFLMLIM=	2.000	(E)	UPFLMLIM=	8.000	(E)	BURNRATE=	0.8016E-04
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.1500E-01	(E)	UPTOXLIM=	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN ST SYSTEM OF UNITS

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BNT CHEMNAME = BARIUM NITRATE PATHCODE = SS

MOLECWT =	261.3	NBP =		NFP =	865.0	CRITTEMP=		CRITPRES=	
DENSITY =	3240.	DENSTEMP=	296.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPFT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	5.000	SOLUBTMP=	273.1	A =	-74.21	B =	0.2900	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.8400E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BNZ CHEMNAME = BENZENE PATHCODE = A T U V W

MOLECWT =	78.11	NBP =	353.3	NFP =	278.7	CRITTEMP=	562.1	CRITPRES=	0.4890E+07
DENSITY =	879.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1192.	BRHO =	-1.070
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	283.2	LQVISPNT=	0.6490E-03	LQVISTMP=	293.2
AVIS =	-11.71	BVIS =	1280.	LVUPRBND=	323.2	LVLWRBND=	283.2	LQTHRCND=	0.1675
LTHCNTMP=	293.2	ACON =	0.7812	BCON =	-0.2093E-02	LTCUPBND=	343.2	LTCLOBND=	283.2
LQHTCPPT=	1675.	LQHTCPTM=	293.2	AHC =	709.5	BHC =	3.349	LHCUPBND=	313.2
LHCLOBND=	278.2	SURFTENS=	0.2890E-01	SFTNTEMP=	293.2	INTFTENS=	0.3500E-01	INTFTTMP=	293.2
SOLUBPNT=	0.1800	SOLUBTMP=	298.2	A =		B =		AVP =	9.031
BVP =	1211.	CVP =	-52.36	VPUPRBND=	373.2	VPLWRBND=	278.2	AVCP =	0.4396E+05
BVCP =	523.3	CVCP =	-0.3768	DVCP =	0.1047E-03	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3940E+06	HTCOMBTN=	-0.4060E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.300	UPFLMLIM=	7.900	BURNRATE=	0.1000E-03
TOXINHAL=	25.00	INHALCNC=	75.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BOC CHEMNAME = BISMUTH OXYCHLORIDE PATHCODE = II

MOLECWT =	260.4	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	7700.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.2150E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN ST SYSTEM OF UNITS

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BPA CHEMNAME = BISPHENOL A PATHCODE = II

MOLECWT =	228.3	NBP =		NFP =	430.0	CRITTEMP=		CRITPRES=	
DENSITY =	1195.	DENSTEMP=	298.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6000E-01	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BPC CHEMNAME = BARIUM PERCHLORATE PATHCODE = SS

MOLECWT =	390.3	NBP =		NFP =	778.0	CRITTEMP=		CRITPRES=	
DENSITY =	3200.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	200.0	SOLUBTMP=	273.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.2000E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2900E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BPD CHEMNAME = BENZENE PHOSPHORUS DICHLORIDE PATHCODE = A O

MOLECWT =	179.0	NBP =	494.0	NFP =	222.0	CRITTEMP=				CRITPRES=	
DENSITY =	1320.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1613.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.4400E-02		LQVISTMP=	298.1
AVIS =	-9.713	(E)	BVIS =	1280.	(E)	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	273.1
LQHTCPPT=	1884.	(E)	LQHTCPTM=	293.1	AHC =	656.7	(E)	BHC =	4.187	(E)	LHCUPBND=	298.1
LHCLOBND=	273.1	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	11.04
BVP =	2980.	CVP =	-0.1500	VPUPRBND=	498.1	VPLWRBND=	333.1		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1900E+08	(E)	HTDECOMP=		HTSOLUTN=	-0.1700E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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BPF CHEMNAME = BROMINE PENTAFLUORIDE PATHCODE = A O Z

MOLECWT =	174.9	NBP =	314.0	NFP =	213.0	CRITTEMP=	470.0	CRITPRES=	
DENSITY =	2480.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1605.	BRHO =	3.460
CRHO =	0.0000E+00	LDUPRBND=	343.1	LDLWRBND=	278.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.20
BVP =	1628.	CVP =	-0.1500	VPUPRBND=	343.1	VPLWRBND=	278.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.1790E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BPM CHEMNAME = BARIUM PERMANGANATE PATHCODE = SS

MOLECWT =	375.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3770.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	62.50	SOLUBTMP=	284.1	A =	-139.2	B =	0.7100	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3000E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BPO CHEMNAME = BARIUM PEROXIDE PATHCODE = II

MOLECWT =	169.4	NBP =		NFP =	723.0	CRITTEMP=		CRITPRES=	
DENSITY =	4960.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	1.500	SOLUBTMP=	273.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=	-0.4520E+06	HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.6600E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BPT CHEMNAME = BENZENE PHOSPHORUS THIODICHLORIDE PATHCODE = A O

MOLECWT =	211.0	NBP =	543.0	NFP =	249.2	CRITTEMP=		CRITPRES=	
DENSITY =	1390.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1693. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.4400E-02(E)	LQVISTMP=	298.1
AVIS =	-9.713 (E)	BVIS =	1280. (E)	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	293.1	LTCLOBND=	273.1
LQHTCPPT=	1675. (E)	LQHTCPTM=	293.1	AHC =	1675. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	293.1
LHCLOBND=	273.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.357
BVP =	1820.	CVP =	-0.1500	VPUPRBND=	543.1	VPLWRBND=	373.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1800E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BRA CHEMNAME = N-BUTYRIC ACID PATHCODE = A P O

MOLECWT =	88.10	NBP =	437.0	NFP =	268.0	CRITTEMP=	628.0	CRITPRES=	0.5300E+07
DENSITY =	958.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1251	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.1650E-02	LQVISTMP=	293.1
AVIS =	-11.46	BVIS =	1480.	LVUPRBND=	313.1	LVLWRBND=	283.1	LQTHRCND=	0.1628
LTHCNTMP=	285.1	ACON =	0.1628	BCON =	0.0000E+00	LTCUPBND=	298.1	LTCLOBND=	278.1
LQHTCPPT=	2093.	LQHTCPTM=	293.1	AHC =	2093.	BHC =	0.0000E+00	LHCUPBND=	313.1
LHCLOBND=	283.1	SURFTENS=	0.2674E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.909
BVP =	1794.	CVP =	-70.45	VPUPRBND=	343.1	VPLWRBND=	273.1	AVCP =	0.1174E+05
BVCP =	413.7	CVCP =	-0.2430	DVCP =	0.5531E-04	VHCUPBND=	550.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3880E+06	HTCOMBTN=	-0.2470E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.190	UPFLMLIM=	13.40	BURNRATE=	0.4509E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BRC CHEMNAME = BARIUM CARBONATE PATHCODE = II

MOLECWT =	197.3	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	4300.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SUPFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2500E-01	SOLUBTMP=	293.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BRT CHEMNAME = BORON TRICHLORIDE PATHCODE = A C O

MOLECWT =	117.2	NBP =	285.6	NFP =	166.0	CRITTEMP=	451.0	CRITPRES=	0.3900E+07
DENSITY =	1350.	DENSTEMP=	284.1	SHPSTATE=	L	ARHO =	3424.	BRHO =	-7.300
CRHO =	0.0000E+00	LDUPRBND=	293.1	LDLWRBND=	273.1	LQVISPNT=	0.1000E-02	LQVISTMP=	285.6
AVIS =	-10.37	BVIS =	990.0	LVUPRBND=	288.1	LVLWRBND=	253.1	LQTHRCND=	0.1082
LTHCNTMP=	273.1	ACON =	0.1780	BCON =	-0.2559E-03	LTCUPBND=	283.1	LTCLOBND=	233.1
LQHTCPPT=	921.1	LQHTCPTM=	286.1	AHC =	621.5	BHC =	1.005	LHCUPBND=	298.1
LHCLOBND=	273.1	SURFTENS=	0.1670E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.698
BVP =	1340.	CVP =	-0.1500	VPUPRBND=	286.1	VPLWRBND=	233.1	AVCP =	0.5514E+05
BVCP =	33.29	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.1600E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.3000E+08
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BRU CHEMNAME = BRUCINE PATHCODE = II

MOLECWT =	394.4		NBP =		NFP =	451.0	CRITTEMP=		CRITPRES=	
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.3110E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BRX CHEMNAME = BROMINE PATHCODE = A P X

MOLECWT =	159.8		NBP =	332.0		NFP =	266.0		CRITTEMP=			CRITPRES=			
DENSITY =	3120.		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	4118.		BRHO =	-3.400		
CRHO =	0.0000E+00		LDUPRBND=	308.2		LDLWRBND=	273.2		LQVISPNT=	0.9900E-03		LQVISTMP=	293.2		
AVIS =	-10.01		BVIS =	906.0		LVUPRBND=	298.2		LVLWRBND=	268.2		LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	420.0	(E)	LQHTCPTM=	290.0	(E)	AHC =	420.0	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0		(E
LHCLOBND=	280.0	(E)	SURFTENS=	0.4100E-01		SFTNTEMP=	293.2		INTFTENS=	0.4000E-01	(E)	INTFTTMP=	290.0		(E
SOLUBPNT=	3.500		SOLUBTMP=	298.2		A =			B =			AVP =	10.05		
BVP =	1670.		CVP =	0.4004E-01		VPUPRBND=	313.2		VPLWRBND=	266.2		AVCP =	0.3561E+05		
BVCP =	2.805		CVCP =	0.0000E+00		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	300.0		
HTFUSION=			LHTVAPOR=	0.1876E+06		HTCOMBTN=			HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=	0.1000		INHALCNC=	0.4000		INHALTME=	1800.		LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTA CHEMNAME = SEC-BUTYL ACETATE PATHCODE = A T U

MOLECWT =	116.2		NBP =	385.0		NFP =	199.7		CRITTEMP=	561.0		CRITPRES=	0.3200E+07		
DENSITY =	872.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	980.1		BRHO =	0.2473		
CRHO =	-0.2100E-02		LDUPRBND=	358.2		LDLWRBND=	288.2		LQVISPNT=	0.6900E-03	(E)	LQVISTMP=	300.0		(E
AVIS =	-10.19	(E)	BVIS =	870.0	(E)	LVUPRBND=	320.0	(E)	LVLWRBND=	280.0	(E)	LQTHRCND=	0.1507		(E
LTHCNTMP=	295.0	(E)	ACON =	0.2100	(E)	BCON =	-0.2000E-03	(E)	LTCUPBND=	350.0	(E)	LTCLOBND=	280.0		(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	300.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0		(E
LHCLOBND=	270.0	(E)	SURFTENS=	0.2330E-01		SFTNTEMP=	294.2		INTFTENS=	0.5800E-01	(E)	INTFTTMP=	290.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.061		
BVP =	1330.		CVP =	-57.16		VPUPRBND=	373.2		VPLWRBND=	273.2		AVCP =	5987.		
BVCP =	544.3		CVCP =	-0.2470		DVCP =	0.2010E-04		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.3100E+06	(E)	HTCOMBTN=	-0.3050E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.700		UPFLMLIM=	9.800		BURNRATE=	0.7333E-04		(E
TOXINHAL=	200.0		INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTB CHEMNAME = BORON TRIBROMIDE PATHCODE = A O

MOLECWT =	250.5	NBP =	364.0	NFP =	227.0	CRITTEMP=				CRITPRES=	
DENSITY =	2700.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	2700.	(E)	BRHO =	0.0000E+00(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	288.1	LQVISPNT=				LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=				LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=				LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =				LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=				INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =				AVP =	9.780
BVP =	1740.	CVP =	-0.1500	VPUPRBND=	363.1	VPLWRBND=	233.1			AVCP =	0.6783E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	350.0			VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.1200E+06	HTCOMBTN=		HTDECOMP=				HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=				BURNRATE=	
TOXINHAL=	1.000	INHALCNC=		INHALTME=		LOTOXLIM=				UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTC CHEMNAME = N-BUTYL ACRYLATE PATHCODE = A T U Z

MOLECWT =	128.2		NBP =	422.0		NFP =	209.0		CRITTEMP=	600.0		CRITPRES=	0.2900E+07		
DENSITY =	899.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1191.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	323.2		LDLWRBND=	273.2		LQVISPNT=	0.8360E-03		LQVISTMP=	293.2		
AVIS =	-11.60		BVIS =	1322.		LVUPRBND=	323.2		LVLWRBND=	273.2		LQTHRCND=	0.1507		(E
LTHCNTMP=	295.0	(E)	ACON =	0.2100	(E)	BCON =	-0.2000E-03	(E)	LTCUPBND=	350.0	(E)	LTCLOBND=	280.0		(E
LQHTCPPT=	1800.		LQHTCPTM=	293.2		AHC =	572.9		BHC =	4.187		LHCUPBND=	323.2		
LHCLOBND=	273.2		SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	300.0	(E)	INTFTENS=	0.6000E-01	(E)	INTFTTMP=	300.0		(E
SOLUBPNT=	0.2000	(E)	SOLUBTMP=	293.2		A =			B =			AVP =	10.53		
BVP =	2290.		CVP =	0.4004E-01		VPUPRBND=	353.2		VPLWRBND=	263.2		AVCP =	0.4605E+05		(E
BVCP =	598.7	(E)	CVCP =	-0.2931	(E)	DVCP =	0.3266E-04	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0		(E
HTFUSION=			LHTVAPOR=	0.2780E+06		HTCOMBTN=	-0.3224E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=	-0.6029E+06		LOFLMLIM=	1.400		UPFLMLIM=	9.400		BURNRATE=	0.7833E-04		
TOXINHAL=			INHALCNC=	1000.		INHALTME=	0.1440E+05		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTD CHEMNAME = 1,4-BUTYNEDIOL PATHCODE = SS

MOLECWT =	36.09	NBP =	511.0	NFP =	331.0	CRITTEMP=		CRITPRES=	
DENSITY =	1070.	DENSTEMP=	293.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-15.58	B =	0.5000	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2562E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTF CHEMNAME = BROMINE TRIFLUORIDE PATHCODE = A O

MOLECWT =	136.9	NBP =	399.0	NFP =	282.0	CRITTEMP=	600.0	(E)	CRITPRES=		
DENSITY =	2810.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	3543.		BRHO =	-2.500	
CRHO =	0.0000E+00	LDUPRBND=	343.1	LDLWRBND=	283.1	LQVISPNT=	0.3200E-02	(E)	LQVISTMP=	293.1	
AVIS =	-12.91	(E) BVIS =	2100.	(E) LVUPRBND=	298.1	LVLWRBND=	283.1		LQTHRCND=	0.2326	(E
LTHCNTMP=	293.1	ACON =	0.2326	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=	921.1	LQHTCPTM=	293.1	AHC =	921.1	BHC =	0.0000E+00		LHCUPBND=	303.1	
LHCLOBND=	283.1	SURFTENS=	0.1000E-01	(E) SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	9.873	
BVP =	1686.	CVP =	-52.15	VPUPRBND=	373.1	VPLWRBND=	293.1		AVCP =	0.6657E+05	
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	350.0		VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.3100E+06	HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=	0.1000	INHALCNC=	50.00	INHALTME=	1800.	LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTL CHEMNAME = SEC-BUTYLAMINE PATHCODE = A P Q R S

MOLECWT =	73.10	NBP =	336.0	NFP =	169.0	CRITTEMP=			CRITPRES=		
DENSITY =	720.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1013.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1		LTCLOBND=	288.1	
LQHTCPPT=	2010. (E)	LQHTCPTM=	293.1	AHC =	2010. (E)	BHC =	0.0000E+00(E)		LHCUPBND=	298.1	
LHCLOBND=	288.1	SURFTENS=	0.2242E-01	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	11.67	
BVP =	2163.	CVP =	-0.1500	VPUPRBND=	313.1	VPLWRBND=	273.1		AVCP =	9491.	(E
BVCP =	442.8 (E)	CVCP =	-0.2109 (E)	DVCP =	0.2332E-04(E)	VHCUPBND=	500.0		VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.4160E+06	HTCOMBTN=	-0.4090E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	0.1032E-03	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTM CHEMNAME = N-BUTYL MERCAPTAN PATHCODE = A T U V W

MOLECWT =	90.20	NBP =	371.7	NFP =	157.5	CRITTEMP=	563.0	CRITPRES=	0.3940E+07		
DENSITY =	841.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1135.	BRHO =	-1.000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.4960E-03	LQVISTMP=	293.1		
AVIS =	-10.81	BVIS =	938.0	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1	
LQHTCPPT=	1926.	LQHTCPTM=	298.1	AHC =	698.6	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.2610E-01	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.06		
BVP =	1877.	CVP =	-0.1500	VPUPRBND=	373.1	VPLWRBND=	283.1	AVCP =	-0.8081E+05		
BVCP =	669.9	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	350.0	VHCLOBND=	270.0		
HTFUSION=		LHTVAPOR=	0.3710E+06(E)	HTCOMBTN=	-0.3860E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.1236E-03		
TOXINHAL=	0.5000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTN CHEMNAME = BUTYLENE PATHCODE = A B C D E F G

MOLECWT =	56.10	NBP =	266.9	NFP =	90.00	CRITTEMP=	419.6	CRITPRES=	0.4020E+07		
DENSITY =	595.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	919.5	BRHO =	-1.100		
CRHO =	0.0000E+00	LDUPRBND=	293.2	LDLWRBND=	193.2	LQVISPNT=	0.1500E-03	LQVISTMP=	293.2		
AVIS =	-10.97	BVIS =	634.0	LVUPRBND=	298.2	LVLWRBND=	183.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2345.	LQHTCPTM=	267.2	AHC =	1108.	BHC =	4.605	LHCUPBND=	333.2		
LHCLOBND=	233.2	SURFTENS=	0.1250E-01	SFTNTEMP=	293.2	INTFTENS=	0.6800E-01(E)	INTFTTMP=	273.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.503		
BVP =	1200.	CVP =	0.4004E-01	VPUPRBND=	293.2	VPLWRBND=	253.2	AVCP =	-1005.		
BVCP =	362.2	CVCP =	-0.2135	DVCP =	0.5024E-04	VHCUPBND=	300.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3910E+06	HTCOMSTN=	-0.4533E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.600	UPFLMLIM=	10.00	BURNRATE=	0.1467E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=	2493. (E)	MOLRATIO=	0.8750 (E)	AIRFUEL =	14.68 (E)	FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTO CHEMNAME = BUTYLENE OXIDE PATHCODE = A P Q R S

MOLECWT =	72.00	NBP =	336.0	NFP =	223.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	826.0	DENSTEMP=	298.1	SHPSTATE=L			ARHO =	1119.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.4000E-03		LQVISTMP=	298.1
AVIS =	-10.68	(E)	BVIS =	850.0	(E)	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=			LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =			LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=	
SOLUBPNT=	7.000		SOLUBTMP=	293.1	A =		B =			AVP =	8.844
BVP =	1290.		CVP =	-0.1500	VPUPRBND=	343.1	VPLWRBND=	283.1		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=			LHTVAPOR=	0.4200E+06	(E)	HTCOMBTN=	-0.3540E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=	1.500	UPFLMLIM=	18.30		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTP CHEMNAME = P-TERT-BUTYLPHENOL PATHCODE = II

MOLECWT =	150.0	NBP =	512.7	NFP =	372.0	CRITTEMP=		CRITPRES=	
DENSITY =	1037.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1000E-02	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3940E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.4000E-03	UPTOXLIM=	0.2000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BTR CHEMNAME = N-BUTYRALDEHYDE PATHCODE = A P Q

MOLECWT =	72.11	NBP =	348.0	NFP =	176.8	CRITTEMP=	524.0	CRITPRES=	0.4100E+07		
DENSITY =	803.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1124.	BRHO =	-1.100		
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=	0.4200E-03	LQVISTMP=	293.2		
AVIS =	-10.64	BVIS =	838.0	LVUPRBND=	313.2	LVLWRBND=	233.2	LQTHRCND=	0.1454		
LTHCNTMP=	293.2	ACON =	0.2136	BCON =	-0.2326E-03	LTCUPBND=	333.2	LTCLOBND=	223.2		
LQHTCPPT=	2177.	LQHTCPTM=	293.2	AHC =	1563.	BHC =	2.093	LHCUPBND=	303.2		
LHCLOBND=	223.2	SURFTENS=	0.2460E-01	SFTNTEMP=	293.2	INTFTENS=	0.5500E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	7.100	SOLUBTMP=	298.2	A =		B =		AVP =	9.146		
BVP =	1233.	CVP =	-40.16	VPUPRBND=	373.2	VPLWRBND=	253.2	AVCP =	0.1424E+05		
BVCP =	345.8	CVCP =	-0.1717	DVCP =	0.2889E-04	VHCUPBND=	500.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4271E+06	HTCOMBTN=	-0.3538E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.500	UPFLMLIM=	10.60	BURNRATE=	0.7333E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BUA CHEMNAME = TERT-BUTYLAMINE PATHCODE = A P Q R S

MOLECWT =	73.14	NBP =	318.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	696.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	989.2	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.1900E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.03
BVP =	1596.	CVP =	0.5000E-01	VPUPRBND=	323.1	VPLWRBND=	268.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3880E+06	HTCOMSTN=	-0.4100E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.700	UPFLMLIM=	8.900	BURNRATE=	0.1169E-03(E
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BUD CHEMNAME = 1,4-BUTENEDIOL PATHCODE = A P Q

MOLECWT =	88.11	NBP =	507.0	NFP =	280.0	CRITTEMP=		CRITPRES=	
DENSITY =	1070.	DENSTEMP=	298.2	SHPSTATE=L		ARHO =	821.8	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	288.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2190. (E)	LQHTCPTM=	300.0 (E)	AHC =	2190. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	310.0 (E
LHCLOBND=	295.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	12.27 (E
BVP =	3637. (E)	CVP =	0.0000E+00(E)	VPUPRBND=	340.0 (E)	VPLWRBND=	295.0 (E)	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=	-0.2500E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BUT CHEMNAME = BUTANE PATHCODE = A B C D E F G

MOLECWT =	58.12	NBP =	272.7	NFP =	135.0	CRITTEMP=	425.0	CRITPRES=	0.3796E+07		
DENSITY =	600.0	DENSTEMP=	273.2	SHPSTATE=L		ARHO =	846.7	BRHO =	-0.9000		
CRHO =	0.0000E+00	LDUPRBND=	293.2	LDLWRBND=	193.2	LQVISPNT=	0.2100E-03	LQVISTMP=	273.2		
AVIS =	-10.78	BVIS =	631.0	LVUPRBND=	273.2	LVLWRBND=	193.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2428.	LQHTCPTM=	273.2	AHC =	941.6	BHC =	5.443	LHCUPBND=	333.2		
LHCLOBND=	233.2	SURFTENS=	0.1470E-01	SFTNTEMP=	273.2	INTFTENS=	0.6500E-01(E)	INTFTTMP=	295.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.955		
BVP =	945.9	CVP =	-33.16	VPUPRBND=	303.2	VPLWRBND=	203.2	AVCP =	3977.		
BVCP =	372.6	CVCP =	-0.1842	DVCP =	0.3517E-04	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3852E+06	HTCOMBTN=	-0.4538E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	8.400	BURNRATE=	0.1317E-03		
TOXINHAL=	500.0	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=	2435 (E)	MOLRATIO=	0.8333 (E)	AIRFUEL =	15.35 (E)	FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BZA CHEMNAME = BENZOIC ACID PATHCODE = II

MOLECWT =	122.1	NBP =	522.4	NFP =	395.5	CRITTEMP=	752.0	CRITPRES=	0.4600E+07
DENSITY =	1316.	DENSTEMP=	301.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.3400	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BZC CHEMNAME = BENZOYL CHLORIDE PATHCODE = A X Y O

MOLECWT =	140.6	NBP =	470.5	NFP =	272.6	CRITTEMP=				CRITPRES=	
DENSITY =	1210.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1210.	(E)	BRHO =	0.0000E+00	(E
CRHO =	0.0000E+00	(E) LDUPRBND=	300.0	(E) LDLWRBND=	275.0	(E) LQVISPNT=	0.1650E-02	(E)	LQVISTMP=	300.0	(E
AVIS =	-10.87	(E) BVIS =	1340.	(E) LVUPRBND=	300.0	(E) LVLWRBND=	275.0	(E)	LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=	2000.	(E) LQHTCPTM=	290.0	(E) AHC =	2000.	(E) BHC =	0.0000E+00	(E)	LHCUPBND=	300.0	(E
LHCLOBND=	275.0	(E) SURFTENS=	0.3600E-01	(E) SFTNTEMP=	290.0	(E) INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	10.73	
BVP =	2639.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	283.2		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=	0.1072E+06	LHTVAPOR=	0.3240E+06	(E) HTCOMBTN=	-0.2332E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	4.900		BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BZD CHEMNAME = BENZALDEHYDE PATHCODE = A T U X Y

MOLECWT =	106.1	NBP =	452.0	NFP =		CRITTEMP=	625.0	CRITPRES=	0.2180E+07
DENSITY =	1046.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1293.	BRHO =	-0.8144
CRHO =	-0.1200E-03	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.1370E-02	LQVISTMP=	298.2
AVIS =	-20.01	BVIS =	4000.	LVUPRBND=	308.2	LVLWRBND=	283.2	LQTHRCND=	0.1628
LTHCNTMP=	293.2	ACON =	0.5038	BCON =	-0.1163E-02	LTCUPBND=	313.2	LTCLOBND=	283.2
LQHTCPPT=	1792.	LQHTCPTM=	293.2	AHC =	1792.	BHC =	0.0000E+00	LHCUPBND=	313.2
LHCLOBND=	283.2	SURFTENS=	0.4000E-01	SFTNTEMP=	293.2	INTFTENS=	0.1550E-01	INTFTTMP=	293.2
SOLUBPNT=	0.3000	SOLUBTMP=	298.2	A =		B =		AVP =	12.06
BVP =	3000.	CVP =	0.4004E-01	VPUPRBND=	353.2	VPLWRBND=	283.2	AVCP =	-0.2160E+05
BVCP =	502.4	CVCP =	-0.2763	DVCP =	0.4605E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3622E+06	HTCOMBTN=	-0.3195E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6333E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BZM CHEMNAME = BENZYLAMINE PATHCODE = A P O

MOLECWT =	107.2	NBP =	457.7	NFP =	227.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	980.0	DENSTEMP=	293.1	SHPSTATE=L			ARHO =	1222.		BRHO =	-0.8200
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1		LQVISPNT=	0.1090E-02		LQVISTMP=	293.1
AVIS =	-8.868	(E) BVIS =	600.0	(E) LVUPRBND=	303.1		LVLWRBND=	273.1		LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E)	LTCUPBND=	293.1		LTCLOBND=	283.1
LQHTCPPT=	1884.	(E) LQHTCPTM=	293.1	AHC =	1884.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	293.1
LHCLOBND=	283.1	SURFTENS=	0.3950E-01	SFTNTEMP=	293.1		INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =			B =			AVP =	
BVP =		CVP =		VPUPRBND=			VPLWRBND=			AVCP =	-0.1717E+05
BVCP =	584.6	(E) CVCP =	-0.3246	(E) DVCP =	0.5388E-04	(E)	VHCUPBND=	500.0		VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3600E+06	(E) HTCOMBTN=	-0.3780E+08		HTDECOMP=			HTSOLUTN=	-0.1000E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6897E-04
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BZN CHEMNAME = BENZONITRILE PATHCODE = A T X

MOLECWT =	103.1	NBP =	464.0	NFP =	260.4	CRITTEMP=	699.4	CRITPRES=	0.4150E+08
DENSITY =	1010.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1270.	BRHO =	-0.8800
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.1250E-02	LQVISTMP=	298.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1842.	LQHTCPTM=	293.1	AHC =	1842.	BHC =	0.0000E+00	LHCUPBND=	333.1
LHCLOBND=	283.1	SURFTENS=	0.3470E-01	SFTNTEMP=	298.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.28
BVP =	2450.	CVP =	-0.1500	VPUPRBND=	473.1	VPLWRBND=	313.1	AVCP =	-0.1743E+05(E
BVCP =	487.2 (E)	CVCP =	-0.3141 (E)	DVCP =	0.5774E-04(E)	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3670E+06	HTCOMBTN=	-0.3510E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BZO CHEMNAME = BENZYLDIMETHYLOCTADECYLAMMONIUM CHLORIDE PATHCODE = SS

MOLECWT =	411.0		NBP =		NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =		
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=		
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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BZP CHEMNAME = BENZOPHENONE PATHCODE = A T X

MOLECWT =	182.0	NBP =	578.7	NFP =	321.1	CRITTEMP=		CRITPRES=	
DENSITY =	1085.	DENSTEMP=	323.1	SHPSTATE=L		ARHO =	3867.	BRHO =	-10.00
CRHO =	0.0000E+00	LDUPRBND=	333.1	LDLWRBND=	323.1	LQVISPNT=	0.1530E-02	LQVISTMP=	323.1
AVIS =	-7.094	BVIS =	197.0	LVUPRBND=	393.1	LVLWRBND=	323.1	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.4200E-01	SFTNTEMP=	323.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSICN=		LHTVAPOR=	0.2930E+06	HTCOMSTN=	-0.3580E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CAA CHEMNAME = COPPER ACETOARSENITE PATHCODE = II SS

MOLECWT =	1014.		NBP =		NFP =		CRITTEMP=	CRITPRES=	
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =	BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=	LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=	LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=	LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =	LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=	INTFTTMP=	
SOLUBPNT=	3.000		SOLUBTMP=	293.1	A =		B =	AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=	AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=	VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=	HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=	BURNRATE=	
TOXINHAL=	0.1100E-01		INHALCNC=		INHALTME=		LOTOXLIM=	UPTOXLIM=	0.5000E-04(E
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CAC CHEMNAME = CHLOROACETYL CHLORIDE PATHCODE = A O

MOLECWT =	112.9	NBP =	378.0	NFP =	250.7	CRITTEMP=				CRITPRES=	
DENSITY =	1420.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1713.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.2100E-03	(E)	LQVISTMP=	293.1
AVIS =	-11.21	(E)	BVIS =	800.0	(E)	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1628	(E
LTHCNTMP=	293.1	ACON =	0.1628	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	273.1
LQHTCPPT=	1465.	(E)	LQHTCPTM=	293.1	AHC =	238.0	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.707	(E
BVP =	1777.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	378.1	VPLWRBND=	333.1	AVCP =	0.3152E+05	(E
BVCP =	194.1	(E)	CVCP =	-0.1293	(E)	DVCP =	0.3199E-04	(E)	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3000E+06	(E)	HTCOMBTN=	-0.9000E+07	(E)	HTDECOMP=	HTSOLUTN=	-0.1300E+06	(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CAF CHEMNAME = CALCIUM FLUORIDE PATHCODE = II

MOLECWT =	78.08	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3180.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1800E-01	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CAH CHEMNAME = CALCIUM HYDROXIDE PATHCODE = II

MOLECWT =	74.09	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2240.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1300	SOLUBTMP=	290.9	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CAL CHEMNAME = CALCIUM PHOSPHATE PATHCODE = SS

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2500. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	1.800	SOLUBTMP=	303.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CAM CHEMNAME = CALCIUM, METALLIC PATHCODE = II RR

MOLECWT =	40.10	NBP =	1763.	NFP =	1123.	CRITTEMP=		CRITPRES=	
DENSITY =	1550.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1580E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CAO CHEMNAME = CALCIUM OXIDE PATHCODE = RR

MOLECWT =	56.08	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3300.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.1135E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	2.000	INHALCNC=	4.000	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CAP CHEMNAME = P-CHLOROANILINE PATHCODE = II

MOLECWT =	127.6	NBP =	503.0	NFP =	343.0	CRITTEMP=		CRITPRES=	
DENSITY =	1430.	DENSTEMP=	292.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.4000	SOLUBTMP=	303.1	A =		B =		AVP =	10.60
BVP =	2813.	CVP =	-0.1500	VPUPRBND=	503.1	VPLWRBND=	333.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2500E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CAR CHEMNAME = CARENE PATHCODE = A T U

MOLECWT =	136.0	NBP =	443.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	860.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1212.	BRHO =	-1.200		
CRHO =	0.0000E+00	LDUPRBND=	298.1	LDLWRBND=	278.1	LQVISPNT=	0.1200E-02	LQVISTMP=	293.1		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=			
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.10		
BVP =	2258.	CVP =	-0.1500	VPUPRBND=	443.1	VPLWRBND=	343.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4500E+08	(E) HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S_I SYSTEM OF UNITS

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CAT CHEMNAME = CADMIUM ACETATE PATHCODE = SS

MOLECWT =	266.5	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2340.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SCLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1680E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CBA CHEMNAME = COBALT ACETATE PATHCODE = SS

MOLECWT =	249.1	NBP =		NFP =	413.0	CRITTEMP=		CRITPRES=	
DENSITY =	1710.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.9000E-02	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CBB CHEMNAME = CARBON BISULFIDE PATHCODE = A X Y

MOLECWT =	76.14	NBP =	319.5	NFP =	161.6	CRITTEMP=	546.0	CRITPRES=	0.7700E+07
DENSITY =	1260.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1675.	BRHO =	-1.400
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	238.2	LQVISPNT=	0.3670E-03	LQVISTMP=	293.2
AVIS =	-9.974	BVIS =	605.0	LVUPRBND=	318.2	LVLWRBND=	273.2	LQTHRCND=	0.1256
LTHCNTMP=	293.2	ACON =	0.1938	BCON =	-0.2326E-03	LTCUPBND=	293.2	LTCLOBND=	193.2
LQHTCPPT=	1001.	LQHTCPTM=	293.2	AHC =	755.2	BHC =	0.8374	LHCUPBND=	353.2
LHCLOBND=	193.2	SURFTENS=	0.3200E-01	SFTNTEMP=	293.2	INTFTENS=	0.4840E-01	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.577
BVP =	1460.	CVP =	0.4004E-01	VPUPRBND=	333.2	VPLWRBND=	263.2	AVCP =	0.1926E+05
BVCP =	79.55	CVCP =	-0.7536E-01	DVCP =	0.2638E-04	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3559E+06	HTCOMBTN=	-0.1352E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	[illegible]300	UPFLMLIM=	50.00	BURNRATE=	0.4500E-04
TOXINHAL=	20.00	INHALCNC=	100.0	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CBC CHEMNAME = COBALT CHLORIDE PATHCODE = SS

MOLECWT =	237.9	NBP =		NFP =	359.0	CRITTEMP=		CRITPRES=	
DENSITY =	1924.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	52.90	SOLUBTMP=	293.1	A =	-84.88	B =	0.4700	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.5000E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.9400E-02	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CEN CHEMNAME = 4-CHLOROBUTYRONITRILE PATHCODE = A X Y

MOLECWT =	103.5	NBP =	463.0	NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	1220.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1513.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	278.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	10.39	
BVP =	2495.	CVP =	-0.1500	VPUPRBND=	463.1	VPLWRBND=	343.1		AVCP =	0.3668E+05(E	
BVCP =	300.1	(E) CVCP =	-0.1444	(E) DVCP =	0.1789E-04(E)	VHCUPBND=	550.0		VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.4310E+06(E)	HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.4000E-03	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CBO CHEMNAME = CARBOLIC OIL PATHCODE = A P Q

MOLECWT =	94.11		NBP =	455.0		NFP =	314.1	(E)	CRITTEMP=	694.3		CRITPRES=	0.6130E+07	
DENSITY =	1060.		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1366.		BRHO =	-1.186	
CRHO =	0.6700E-03		LDUPRBND=	373.2		LDLWRBND=	314.2		LQVISPNT=	0.4640E-02		LQVISTMP=	314.2	
AVIS =	-15.88		BVIS =	3300.		LVUPRBND=	353.2		LVLWRBND=	314.2		LQTHRCND=	0.1605	
LTHCNTMP=	323.2		ACON =			BCON =			LTCUPBND=			LTCLOBND=		
LQHTCPPT=	2500.	(E)	LQHTCPTM=	300.0	(E)	AHC =	2500.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	300.0	(E)	INTFTENS=			INTFTTMP=		
SOLUBPNT=	8.400		SOLUBTMP=	293.2		A =			B =			AVP =	10.71	
BVP =	2593.		CVP =	0.4004E-01		VPUPRBND=	453.2		VPLWRBND=	293.2		AVCP =	-0.2474E+05	
BVCP =	515.4		CVCP =	-0.2847		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0	
HTFUSION=			LHTVAPOR=	0.3014E+06		HTCOMBTN=	-0.3117E+08		HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.700		UPFLMLIM=	8.600		BURNRATE=	0.5833E-04	(E
TOXINHAL=	5.000		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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CBR CHEMNAME = CYANOGEN BROMIDE PATHCODE = II

MOLECWT =	105.9	NBP =		NFP =	324.0	(E)	CRITTEMP=		CRITPRES=
DENSITY =	2015.	DENSTEMP=	293.2	SHPSTATE=S			ARHO =		BRHO =
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =			B =		AVP =
BVP =		CVP =		VPUPRBND=			VPLWRBND=		AVCP =
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCONSTN=			HTDECOMP=		HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=
TOXINHAL=	0.5000	INHALCNC=		INHALTME=			LOTOXLIM=		UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CBS CHEMNAME = COBALT SULFATE PATHCODE = SS

MOLECWT =	281.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1948.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	34.50	SOLUBTMP=	293.1	A =	-109.1	B =	0.4900	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.5400E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.8000E-02	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CBT CHEMNAME = CARBON TETRACHLORIDE PATHCODE = A X

MOLECWT =	153.8	NBP =	349.7	NFP =	250.2	CRITTEMP=	556.0	CRITPRES=	0.4600E+07
DENSITY =	1590.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2101.	BRHO =	-1.523
CRHO =	-0.6900E-03	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=	0.9520E-03	LQVISTMP=	294.2
AVIS =	-11.30	BVIS =	1280.	LVUPRBND=	333.2	LVLWRBND=	273.2	LQTHRCND=	0.1047
LTHCNTMP=	293.2	ACON =	0.1729	BCON =	-0.2326E-03	LTCUPBND=	303.2	LTCLOBND=	193.2
LQHTCPPT=	904.3	LQHTCPTM=	293.2	AHC =	-77.57	BHC =	3.349	LHCUPBND=	333.2
LHCLOBND=	273.2	SURFTENS=	0.2700E-01	SFTNTEMP=	293.2	INTFTENS=	0.4500E-01	INTFTTMP=	293.1
SOLUBPNT=	0.8000E-01	SOLUBTMP=	298.2	A =		B =		AVP =	10.13
BVP =	1771.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.4137E+05
BVCP =	187.6	CVCP =	-0.1507	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.1959E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	10.00	INHALCNC=	25.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CBY CHEMNAME = CARBARYL PATHCODE = II

MOLECWT =		NBP =		NFP =	415.0	CRITTEMP=		CRITPRES=	
DENSITY =	1230.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CCA CHEMNAME = CALCIUM ARSENATE PATHCODE = II

MOLECWT =	398.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3620.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1300E-01	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5630E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CCB CHEMNAME = CALCIUM CARBIDE PATHCODE = RR C

MOLECWT =	64.10	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	2220.	DENSTEMP=	291.2	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LOVISPNT=	LOVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LOTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LOHTCPPT=		LOHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=	-0.2022E+07	HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CCC CHEMNAME = CALCIUM CHLORATE PATHCODE = SS

MOLECWT =	207.0		NBP =		NFP =	613.0		CRITTEMP=			CRITPRES=
DENSITY =	2700.	(E)	DENSTEMP=	293.1	SHPSTATE=S			ARHO =			BRHO =
CRHO =			LDUPRBND=		LDLWRBND=			LQVISPNT=			LQVISTMP=
AVIS =			BVIS =		LVUPRBND=			LVLWRBND=			LQTHRCND=
LTHCNTMP=			ACON =		BCON =			LTCUPBND=			LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =			BHC =			LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=			INTFTENS=			INTFTTMP=
SOLUBPNT=	64.00		SOLUBTMP=	291.1	A =	-0.9300E-01	(E)	B =	0.2200	(E)	AVP =
BVP =			CVP =		VPUPRBND=			VPLWRBND=			AVCP =
BVCP =			CVCP =		DVCP =			VHCUPBND=			VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=			HTDECOMP=			HTSOLUTN= -0.1300E+06(E
HTREACTN=			HTPOLYMR=		LOFLMLIM=			UPFLMLIM=			BURNRATE=
TOXINHAL=			INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM= 0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CCH CHEMNAME = CYCLOHEXANONE PATHCODE = A P Q T U

MOLECWT =	98.15	NBP =	429.0	NFP =	242.0	CRITTEMP=	629.0	CRITPRES=	0.3800E+07		
DENSITY =	945.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1195.	BRHO =	-0.8500		
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=	0.2300E-02	LQVISTMP=	290.5		
AVIS =	-11.78	BVIS =	1658.	LVUPRBND=	353.2	LVLWRBND=	283.2	LQTHRCND=	0.1430		
LTHCNTMP=	293.2	ACON =	0.3135	BCON =	-0.5815E-03	LTCUPBND=	308.2	LTCLOBND=	273.2		
LQHTCPPT=	1830.	LQHTCPTM=	293.2	AHC =	602.2	BHC =	4.187	LHCUPBND=	313.2		
LHCLOBND=	273.2	SURFTENS=	0.3400E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	5.000	SOLUBTMP=	293.2	A =		B =		AVP =	8.409		
BVP =	1460.	CVP =	0.4004E-01	VPUPRBND=	423.2	VPLWRBND=	283.2	AVCP =	-0.2554E+05		
BVCP =	489.9	CVCP =	-0.1256	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3810E+06	HTCOMBTN=	-0.3588E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=		BURNRATE=	0.7000E-04		
TOXINHAL=	50.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

CCL CHEMNAME = CYANOGEN CHLORIDE PATHCODE = A C I J X

MOLECWT =	61.48		NBP =	286.3		NFP =	266.3		CRITTEMP=			CRITPRES=		
DENSITY =	1222.		DENSTEMP=	273.2		SHPSTATE=L			ARHO =	1714.		BRHO =	-1.800	
CRHO =	0.0000E+00		LDUPRBND=	323.2		LDLWRBND=	273.2		LQVISPNT=			LQVISTMP=		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500	(E
LTHCNTMP=	285.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	290.0	(E)	LTCLOBND=	273.0	(E
LQHTCPPT=			LQHTCPTM=			AHC =			BHC =			LHCUPBND=		
LHCLOBND=			SURFTENS=	0.3500E-01	(E)	SFTNTEMP=	285.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	285.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	10.00	(E
BVP =	1430.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	290.0	(E)	VPLWRBND=	273.0	(E)	AVCP =	0.2730E+05	
BVCP =	77.04		CVCP =	-0.6071E-01		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0	
HTFUSION=			LHTVAPOR=	0.4451E+06		HTCOMBTN=			HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=	0.5000	(E)	INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CCN CHEMNAME = CALCIUM CYANIDE PATHCODE = SS

MOLECWT =	92.00		NBP =		NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =		
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=		
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.1300E+06	(E
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=	1.220		INHALCNC=	1.220	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	0.5000E-04	(E
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CCP CHEMNAME = CALCIUM PEROXIDE PATHCODE = II RR

MOLECWT =	72.10	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2920.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=	-0.3100E+06	HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

CCR CHEMNAME = CALCIUM CHROMATE PATHCODE = SS

MOLECWT =	192.1		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	11.50		SOLUBTMP=	293.1	A =	1.886	B =	0.3300E-01	AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1170E-01		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

AD-A034 607 LITTLE (ARTHUR D) INC CAMBRIDGE MASS F/G 7/2
CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
DEC 76 E ATKINSON DOT-CG-24655-A
UNCLASSIFIED USCG-D-124-76 NL

3 OF 10
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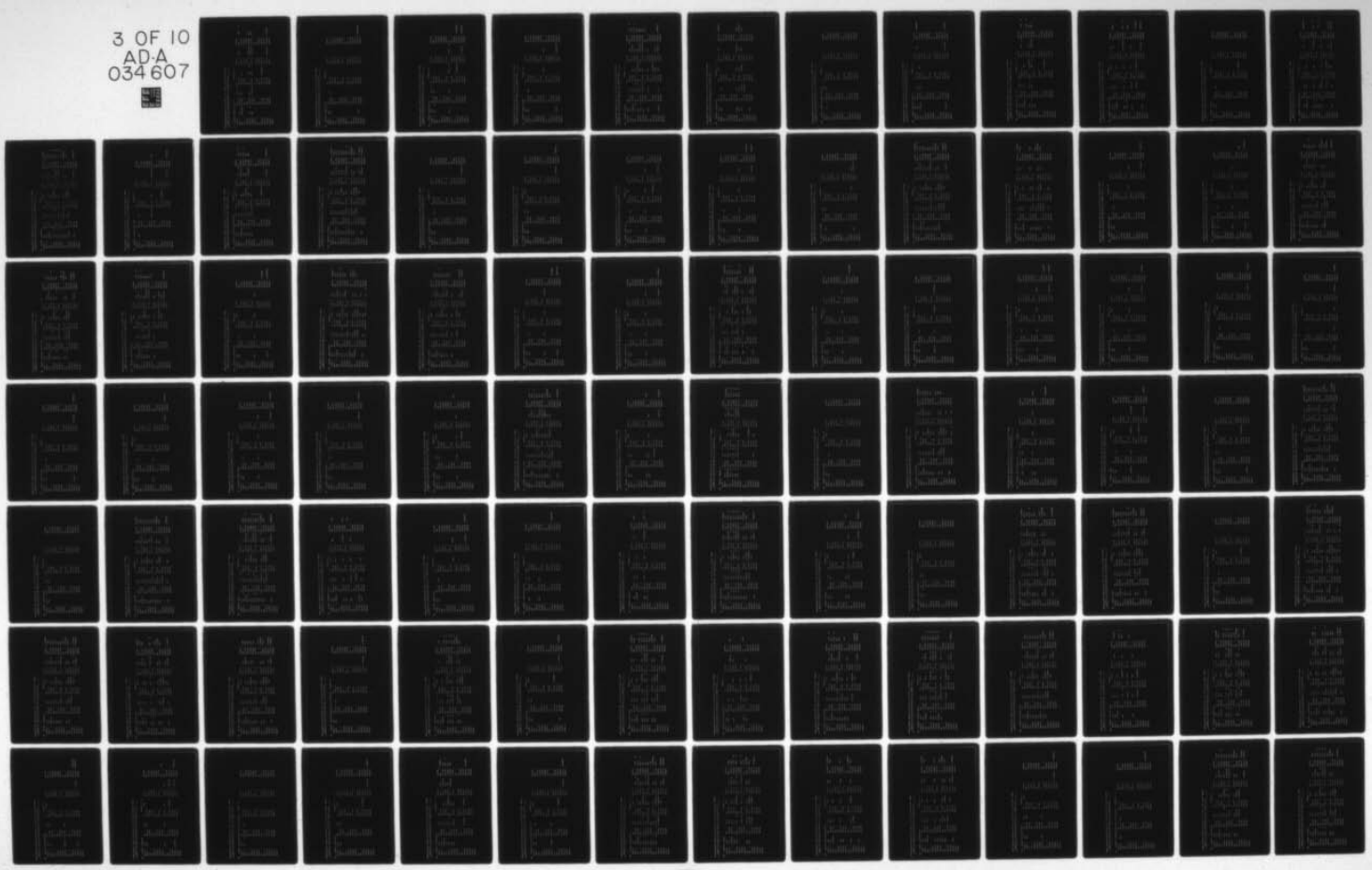

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

CCT CHEMNAME = CREOSOTE. COAL TAR PATHCODE = A T U X Y

MOLECWT =		NBP =	353.0	(E)	NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1070.	(E)	DENSTEMP=	288.1	SHPSTATE=L		ARHO =	1363.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=			LTCLOBND=	
LQHTCPPT=	1675.	(E)	LQHTCPTM=	293.1	AHC =	1675.	(E) BHC =	0.0000E+00	(E)	LHCUPBND=	298.1
LHCLOBND=	283.1		SURFTENS=	0.1500E-01	(E) SFTNTEMP=	293.1	INTFTENS=	0.2000E-01	(E)	INTFTTMP=	293.1
SOLUBPNT=			SOLUBTMP=		A =		B =			AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=			AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.2900E+08	(E) HTDECOMP=			HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

CCY CHEMNAME = COPPER CYANIDE PATHCODE = II

MOLECWT =	89.56	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2920.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.250	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CDA CHEMNAME = CACODYLIC ACID PATHCODE = SS

MOLECWT =	138.0	NBP =	473.0	(E)	NFP =			CRITTEMP=			CRITPRES=		
DENSITY =	1100.	(E) DENSTEMP=	293.1		SHPSTATE=S			ARHO =			BRHO =		
CRHO =		LDUPRBND=			LDLWRBND=			LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =			BCON =			LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=			AHC =			BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=		
SOLUBPNT=	66.70	SOLUBTMP=	288.1		A =	-62.92	(E)	B =	0.4500	(E)	AVP =		
BVP =		CVP =			VPUPRBND=			VPLWRBND=			AVCP =		
BVCP =		CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=			HTCOMBTN=	-0.1400E+08	(E)	HTDECOMP=			HTSOLUTN=	-0.1300E+06	(E
HTREACTN=		HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CDC CHEMNAME = CADMIUM CHLORIDE PATHCODE = SS

MOLECWT =	228.4	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	4050.	DENSTEMP=	298.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-466.2	B =	2.060	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2000E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CDN CHEMNAME = CHLORDANE PATHCODE = A X Y

MOLECWT =	409.8	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1600.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1893. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.6000E-01	LQVISTMP=	327.1
AVIS =	-11.38 (E)	BVIS =	2800. (E)	LVUPRBND=	423.1	LVLWRBND=	323.1	LQTHRCND=	0.1744 (E
LTHCNTMP=	293.1	ACON =	0.1744 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	288.1
LQHTCPPT=	1256. (E)	LQHTCPTM=	293.1	AHC =	1256. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1
LHCLOBND=	288.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	21.05
BVP =	7880.	CVP =	-0.1500	VPUPRBND=	453.1	VPLWRBND=	373.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.9300E+07(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.7000	UPFLMLIM=	5.000	BURNRATE=	
TOXINHAL=	0.2700E-01	INHALCNC=	0.1100	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CDO CHEMNAME = CARBON DIOXIDE PATHCODE = A C II

MOLECWT =	44.00	NBP =		NFP =	194.7	CRITTEMP=	304.0	CRITPRES=	0.7400E+07
DENSITY =	1560.	DENSTEMP=	194.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2260	SOLUBTMP=	288.1	A =	2.561	B =	-0.8100E-02	AVP =	9.689
BVP =	858.7	CVP =	-0.1500	VPUPRBND=	298.1	VPLWRBND=	233.1	AVCP =	0.3107E+05
BVCP =	19.15	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	370.0	VHCLOBND=	273.0
HTFUSION=		LHTVAPOR=	0.3500E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	5000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

CES CHEMNAME = CUPRIETHYLENEDIAMINE SOLUTION PATHCODE = A P C

MOLECWT =		NBP =	373.0	(E)	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1100.	(E)	DENSTEMP=	293.1		SHPSTATE=L		ARHO =		BRHO =
CRHO =			LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =			BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=			AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=			A =		B =		AVP =
BVP =			CVP =			VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =			DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=			INHALTME=		LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CFB CHEMNAME = CADMIUM FLUOROBORATE PATHCODE = A P

MOLECWT =	286.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1600.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1800.	BRHO =	0.0000E+00
CRHO =	0.0000E+00	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1570E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CGE CHEMNAME = CRESYL GLYCIDYL ETHER PATHCODE = A T U X Y

MOLECWT =	164.0	NBP =	532.0	(E)	NFP =			CRITTEMP=				CRITPRES=			
DENSITY =	1090.	DENSTEMP=	293.1		SHPSTATE=L			ARHO =	1383.	(E)		BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1		LDLWRBND=	278.1		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1		LTCLOBND=	283.1		
LQHTCPPT=	2093.	(E)	LQHTCPTM=	293.1		AHC =	2093.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.1		
LHCLOBND=	283.1		SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMSTN=	-0.3840E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CHA CHEMNAME = CYCLOHEXYLAMINE PATHCODE = A P Q

MOLECWT =	99.18	NBP =	407.7	NFP =	255.5	CRITTEMP=	615.0	CRITPRES=			
DENSITY =	865.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1134.	BRHO =	-0.9200		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2300.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2300.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.985	
BVP =	2030.		CVP =	0.4004E-01		VPUPRBND=	413.2		VPLWRBND=	293.2		AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=	0.3668E+06		HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=	-0.1000E+05	(E
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=	68.00		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CHC CHEMNAME = CHARCOAL PATHCODE = II

MOLECWT =	12.00	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2000.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3280E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CHD CHEMNAME = CHLOROHYDRINS (CRUDE) PATHCODE = A P Q

MOLECWT =		NBP =		NFP =		CRITTEMP=				CRITPRES=	
DENSITY =	1180.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1180.	(E)	BRHO =	0.0000E+00	(E
CRHO =	0.0000E+00	(E) LDUPRBND=	300.0	(E) LDLWRBND=	273.0	(E) LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=	2000.	(E) LQHTCPTM=	293.0	(E) AHC =	2000.	(E) BHC =	0.0000E+00	(E)	LHCUPBND=	300.0	(E
LHCLOBND=	273.0	(E) SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=	6.000	SOLUBTMP=	298.2	A =		B =			AVP =	11.28	(E
BVP =	2467.	(E) CVP =	0.0000E+00	(E) VPUPRBND=	350.0	(E) VPLWRBND=	273.0	(E)	AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.4100E+06	(E) HTCOMBTN=	-0.1884E+08	(E) HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.800	UPFLMLIM=	21.00		BURNRATE=	0.4333E-04	
TOXINHAL=	5.000	INHALCNC=	10.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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CHN CHEMNAME = CYCLOHEXANOL PATHCODE = A P Q T U

MOLECWT =	100.2	NBP =	434.0	NFP =	296.8	CRITTEMP=	625.0	CRITPRES=	0.3700E+07		
DENSITY =	947.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1171.	BRHO =	-0.7600		
CRHO =	0.0000E+00	LDUPRBND=	363.2	LDLWRBND=	283.2	LQVISPNT=	0.7700E-01	LQVISTMP=	293.2		
AVIS =	-21.66	BVIS =	5600.	LVUPRBND=	323.2	LVLWRBND=	293.2	LQTHRCND=	0.1500	(E	
LTHCNTMP=	310.0	(E) ACON =	0.1500	(E) BCON =	0.0000E+00	(E) LTCUPBND=	330.0	(E) LTCLOBND=	300.0	(E	
LQHTCPPT=	2100.	(E) LQHTCPTM=	310.0	(E) AHC =	2100.	(E) BHC =	0.0000E+00	(E) LHCUPBND=	330.0	(E	
LHCLOBND=	300.0	(E) SURFTENS=	0.3420E-01	SFTNTEMP=	289.4	INTFTENS=	0.4000E-01	(E) INTFTTMP=	310.0	(E	
SOLUBPNT=	4.300	SOLUBTMP=	288.2	A =		B =		AVP =	10.14	(E	
BVP =	2237.	(E) CVP =	0.0000E+00	(E) VPUPRBND=	430.0	(E) VPLWRBND=	300.0	(E) AVCP =	-0.2412E+05		
BVCP =	556.8	CVCP =	-0.1675	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=	0.1696E+05	LHTVAPOR=	0.4564E+06	HTCONSTN=	-0.3710E+08	(E) HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=	50.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CHP CHEMNAME = CYCLOHEXANONE PEROXIDE PATHCODE = A T U X Y

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1050.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.3000E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3300E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CHT CHEMNAME = CYCLOHEXENYLTRICHLOROSILANE PATHCODE = A O

MOLECWT =	215.6	NBP =	422.0	(E)	NFP =	248.0	(E)	CRITTEMP=		CRITPRES=	
DENSITY =	1230.	DENSTEMP=	293.1		SHPSTATE=	L		ARHO =	1523. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1		LDLWRBND=	288.1		LQVISPNT=	0.3200E-02 (E)	LQVISTMP=	293.1
AVIS =	-12.91	(E)	BVIS =	2100.	(E)	LVUPRBND=	298.1		LVLWRBND=	288.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	288.1
LQHTCPPT=	1465.	(E)	LQHTCPTM=	293.1		AHC =	1465.	(E)	BHC =	0.0000E+00 (E)	LHCUPBND=	298.1
LHCLOBND=	288.1		SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.1		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=			A =			B =		AVP =	
BVP =			CVP =			VPUPRBND=			VPLWRBND=		AVCP =	
BVCP =			CVCP =			DVCP =			VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.1800E-04	(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =												

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CHX CHEMNAME = CYCLOHEXANE PATHCODE = A T U V W

MOLECWT =	84.16	NBP =	353.9	NFP =	279.8	CRITTEMP=	553.5	CRITPRES=	0.4070E+07		
DENSITY =	779.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	967.7	BRHO =	-0.3601		
CRHO =	-0.9700E-03	LDUPRBND=	363.2	LDLWRBND=	283.2	LQVISPNT=	0.1043E-02	LQVISTMP=	288.2		
AVIS =	-12.30	BVIS =	1567.	LVUPRBND=	313.2	LVLWRBND=	283.2	LQTHRCND=	0.1337		
LTHCNTMP=	293.2	ACON =	0.4747	BCON =	-0.1163E-02	LTCUPBND=	313.2	LTCLOBND=	283.2		
LQHTCPPT=	1817.	LQHTCPTM=	293.2	AHC =	589.7	BHC =	4.187	LHCUPBND=	353.2		
LHCLOBND=	278.2	SURFTENS=	0.2460E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	0.1500E-01	SOLUBTMP=	301.5	A =		B =		AVP =	9.871		
BVP =	1720.	CVP =	0.4004E-01	VPUPRBND=	353.2	VPLWRBND=	278.2	AVCP =	-0.3630E+05		
BVCP =	515.0	CVCP =	-0.1235	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3559E+06	HTCOMBTN=	-0.4346E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.330	UPFLMLIM=	8.350	BURNRATE=	0.1150E-03		
TOXINHAL=	300.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CHY CHEMNAME = CALCIUM HYPOCHLORITE PATHCODE = SS

MOLECWT =	175.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2350.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CID CHEMNAME = COPPER IODIDE PATHCODE = II

MOLECWT =	190.4	NBP =	1563.	NFP =	878.0	CRITTEMP=		CRITPRES=	
DENSITY =	5620.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CIT CHEMNAME = CITRIC ACID PATHCODE = SS

MOLECWT =	192.1	NBP =		NFP =	426.0	CRITTEMP=		CRITPRES=	
DENSITY =	1540.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	146.0	SOLUBTMP=	293.1	A =	-587.3	B =	2.500	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2050E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CLC CHEMNAME = CALCIUM CHLORIDE PATHCODE = SS

MOLECWT =	111.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2150.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	74.50	SOLUBTMP=	293.1	A =	-145.4	B =	0.7500	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.6790E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CLD CHEMNAME = COLLODION PATHCODE = A T U V W

MOLECWT =		NBP =	307.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	700.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.900	UPFLMLIM=	36.00	BURNRATE=	
TOXINHAL=	400.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CLS CHEMNAME = CAPROLACTAM, LIQUID PATHCODE = A P Q

MOLECWT =	113.0	NBP =	541.0	NFP =	341.0	CRITTEMP=	780.1		CRITPRES=	0.4600E+07	
DENSITY =	1020.	DENSTEMP=	350.1	SHPSTATE=	L	ARHO =	1370.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E) LDUPRBND=	353.1	LDLWRBND=	343.1	LQVISPNT=	0.9000E-02		LQVISTMP=	351.1	
AVIS =	-14.68	(E) BVIS =	3500.	(E) LVUPRBND=	363.1	LVLWRBND=	343.1		LQTHRCND=	0.1686	
LTHCNTMP=	343.1	ACON =	0.1686	BCON =	0.0000E+00	LTCUPBND=	353.1		LTCLOBND=	343.1	
LQHTCPPT=	2135.	LQHTCPTM=	343.1	AHC =	686.0	BHC =	4.187		LHCUPBND=	363.1	
LHCLOBND=	343.1	SURFTENS=	0.2000E-01	(E) SFTNTEMP=	350.1	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	350.1	
SOLUBPNT=	525.0	SOLUBTMP=	298.1	A =		B =			AVP =	9.519	
BVP =	2580.	CVP =	-0.1500	VPUPRBND=	453.1	VPLWRBND=	373.1		AVCP =	0.1859E+06	
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	393.0		VHCLOBND=	353.0	
HTFUSION=		LHTVAPOR=	0.4850E+06	HTCOMBTN=	-0.3200E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=	-0.7500E+06	LOFLMLIM=	1.840	UPFLMLIM=			BURNRATE=	0.4008E-04	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CLX CHEMNAME = CHLORINE PATHCODE = A C I J

MOLECWT =	70.91	NBP =	239.1	NFP =	172.0	CRITTEMP=	417.0	CRITPRES=	0.7704E+07
DENSITY =	1424.	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	2170.	BRHO =	-2.600
CRHO =	0.0000E+00	LDUPRBND=	293.2	LDLWRBND=	233.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	544.3	LQHTCPTM=	293.2	AHC =	-69.42	BHC =	2.093	LHCUPBND=	293.2
LHCLOBND=	273.2	SURFTENS=	0.2655E-01	SFTNTEMP=	237.9	INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6500	SOLUBTMP=	298.2	A =		B =		AVP =	9.543
BVP =	1086.	CVP =	0.4004E-01	VPUPRBND=	283.2	VPLWRBND=	223.2	AVCP =	0.2673E+05
BVCP =	32.36	CVCP =	-0.2721E-01	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2876E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.000	INHALCNC=	3.000	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CMA CHEMNAME = CHROMIC ANHYDRIDE PATHCODE = SS

MOLECWT =	100.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2700.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	79.05	B =	0.3000	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CMB CHEMNAME = CADMIUM BROMIDE PATHCODE = SS

MOLECWT =	344.3	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1100. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	98.80	SOLUBTMP=	293.1	A =	-522.8	B =	2.120	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-5400.
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1300E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CMC CHEMNAME = CHROMYL CHLORIDE PATHCODE = A O

MOLECWT =	154.9	NBP =	389.0	NFP =	176.7	CRITTEMP=		CRITPRES=	
DENSITY =	1960.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	2470.	BRHO =	-1.850
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.8200E-03(E)	LQVISTMP=	293.1
AVIS =	-11.61	BVIS =	1320.	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=	1926. (E)	LQHTCPTM=	293.1	AHC =	698.6 (E)	BHC =	4.187 (E)	LHCUPBND=	303.1
LHCLOBND=	283.1	SURFTENS=	0.3661E-01	SFTNTEMP=	292.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.45
BVP =	2118.	CVP =	-0.1500	VPUPRBND=	393.1	VPLWRBND=	273.1	AVCP =	0.3768E+05(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	320.0	VHCLOBND=	270.0
HTFUSION=		LHTVAPOR=	0.2620E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.6480E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CME CHEMNAME = CHLOROMETHYL METHYL ETHER PATHCODE = A O T U V W X Y

MOLECWT =	80.50		NBP =	333.0		NFP =	169.7		CRITTEMP=			CRITPRES=			
DENSITY =	1070.		DENSTEMP=	298.1		SHPSTATE=L			ARHO =	1455.		BRHO =	-1.300		
CRHO =	0.0000E+00		LDUPRBND=	303.1		LDLWRBND=	273.1		LQVISPNT=	0.2100E-03	(E)	LQVISTMP=	293.1		
AVIS =	-11.21	(E)	BVIS =	800.0	(E)	LVUPRBND=	303.1		LVLWRBND=	273.1		LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1		LTCLOBND=	273.1		
LQHTCPPT=	1884.	(E)	LQHTCPTM=	293.1		AHC =	656.7	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1		
LHCLOBND=	273.1		SURFTENS=	0.3000E 01	(E)	SFTNTEMP=	293.1		INTFTENS=			INTFTTMP=			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.528	(E	
BVP =	1506.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	333.1		VPLWRBND=	293.1		AVCP =	0.2895E+05	(E	
BVCP =	187.6	(E)	CVCP =	-0.7214E-01	(E)	DVCP =	0.5355E-05	(E)	VHCUPBND=	500.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.3580E+06	(E)	HTCOMBTN=	-0.1700E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.5010E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CMH CHEMNAME = CUMENE HYDROPEROXIDE PATHCODE = A T U X Y

MOLECWT =		NBP =		NFP =	264.0	CRITTEMP=		CRITPRES=			
DENSITY =	1030.	DENSTEMP=	298.1	SHPSTATE=	L	ARHO =	1328. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.2400E-01	LQVISTMP=	288.1		
AVIS =	-20.40 (E)	BVIS =	4800. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1884. (E)	LQHTCPTM=	293.1	AHC =	1884. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1		
LHCLOBND=	283.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.20		
BVP =	2842.	CVP =	-0.1500	VPUPRBND=	313.1	VPLWRBND=	288.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3100E+08(E)	HTDECOMP=	-0.1990E+07	HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.9000	UPFLMLIM=	6.500	BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CMN CHEMNAME = CADMIUM NITRATE PATHCODE = SS

MOLECWT =	308.5	NBP =		NFP =	332.0	CRITTEMP=		CRITPRES=	
DENSITY =	2450.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	122.0	SOLUBTMP=	273.1	A =	-276.8	B =	1.460	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.6910E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1450E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CMO CHEMNAME = CARBON MONOXIDE PATHCODE = A B C D E F G

MOLECWT =	28.00	NBP =	81.70	NFP =	74.00	CRITTEMP=	133.0	CRITPRES=	0.3502E+07		
DENSITY =	791.0	DENSTEMP=	81.65	SHPSTATE=G		ARHO =	873.1	BRHO =	-1.000		
CRHO =	0.0000E+00	LDUPRBND=	88.15	LDLWRBND=	74.15	LQVISPNT=	0.1760E-04	LQVISTMP=	80.15		
AVIS =	-13.86	BVIS =	233.0	LVUPRBND=	98.15	LVLWRBND=	78.15	LQTHRCND=	0.1256	(E	
LTHCNTMP=	90.15	ACON =	0.2829	(E) BCON =	-0.1745E-02	(E) LTCUPBND=	100.1	LTCLOBND=	83.15		
LQHTCPPT=	2135.	LQHTCPTM=	76.15	AHC =	2135.	BHC =	0.0000E+00	LHCUPBND=	83.15		
LHCLOBND=	74.15	SURFTENS=	0.9800E-01	SFTNTEMP=	80.15	INTFTENS=		INTFTTMP=			
SOLUBPNT=	0.4000E-02	SOLUBTMP=	273.1	A • =		B =		AVP =	9.319		
BVP =	352.4	CVP =	-0.1500	VPUPRBND=	93.15	VPLWRBND=	74.15	AVCP =	0.2931E+05		
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	300.0		
HTFUSION=		LHTVAPOR=	0.2160E+06	HTCOMBTN=	-0.1010E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	12.00	UPFLMLIM=	75.00	BURNRATE=			
TOXINHAL=	50.00	INHALCNC=	400.0	INHALTME=	900.0	LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=	2701.	(E) MOLRATIO=	1.500	(E) AIRFUEL =	2.451	(E) FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CMP CHEMNAME = P-CYMENE PATHCODE = A T U

MOLECWT =	134.2	NBP =	450.2	NFP =	205.3	CRITTEMP=		CRITPRES=			
DENSITY =	857.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1092.	BRHO =	-0.8000		
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.8480E-03	LQVISTMP=	293.1		
AVIS =	-11.08	BVIS =	1174.	LVUPRBND=	333.1	LVLWRBND=	273.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1675.	LQHTCPTM=	273.1	AHC =	531.1 (E)	BHC =	4.187	(E) LHCUPBND=	293.1		
LHCLOBND=	273.1	SURFTENS=	0.2809E-01	SFTNTEMP=	293.1	INTFTENS=	0.3641E-01	INTFTTMP=	293.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.22		
BVP =	2348.	CVP =	-0.1500	VPUPRBND=	453.1	VPLWRBND=	283.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2840E+06	HTCOMBTN=	-0.4370E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.7000	UPFLMLIM=	5.600	BURNRATE=	0.1019E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CMS CHEMNAME = CADMIUM SULFATE PATHCODE = SS

MOLECWT =	208.5	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	4700.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LOVISPNT=		LOVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LOTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LOHTCPPT=		LOHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	75.50	SOLUBTMP=	273.1	A =	61.02	B =	0.5300E-01	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.2150E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2150E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CNI CHEMNAME = COPPER NITRATE PATHCODE = SS

MOLECWT =	241.6	NBP =		NFP =	387.7	CRITTEMP=		CRITPRES=	
DENSITY =	2320.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	124.0	SOLUBTMP=	293.1	A =	-490.6	B =	2.100	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CNN CHEMNAME = COPPER NAPHTHENATE PATHCODE = A T U X Y

MOLECWT =		NBP =	451.0	(E)	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	990.0	(E)	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	780.0	(E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.1	LDLWRBND=	283.1	LQVISPNT=	0.9900E-03	(E)	LQVISTMP=	298.1
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.1	LTCLOBND=	283.1
LQHTCPPT=	2010.	(E)	LQHTCPTM=	293.1	AHC =	2010.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.1
LHCLOBND=	283.1		SURFTENS=	0.2000E-01	SFTNTEMP=	293.1	INTFTENS=	0.4500E-01	INTFTTMP=	293.1
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	9.641 (E
BVP =	2086.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	450.1	VPLWRBND=	300.1	AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.4100E+08	(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=	0.8000	UPFLMLIM=	5.000	BURNRATE=	0.6680E-04
TOXINHAL=	500.0		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CNT CHEMNAME = CALCIUM NITRATE PATHCODE = SS

MOLECWT =	164.0	NBP =		NFP =	834.0	CRITTEMP=		CRITPRES=	
DENSITY =	2500.	DENSTEMP=	291.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	266.0	SOLUBTMP=	273.1	A =	-3312.	B =	13.10	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	-0.2100E+06(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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COL CHEMNAME = COPPER OXALATE PATHCODE = II

MOLECWT =	160.6	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1000. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2300E-02	SOLUBTMP=	293.1	A =	0.2300E-02	B =	0.0000E+00	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CON CHEMNAME = COBALT NITRATE PATHCODE = SS

MOLECWT =	291.0	NBP =		NFP =	328.0	CRITTEMP=		CRITPRES=	
DENSITY =	1540.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	97.20	SOLUBTMP=	293.1	A =	-96.28	B =	0.6600	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	0.7100E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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COP CHEMNAME = COPPER ACETATE PATHCODE = SS

MOLECWT =	199.6	NBP =		NFP =	388.0	CRITTEMP=		CRITPRES=	
DENSITY =	1900.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	7.200	SOLUBTMP=	293.1	A =	-69.02	B =	0.2600	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

COU CHEMNAME = COUMAPHOS PATHCODE = II

MOLECWT =	362.5	NBP =		NFP =	366.0	CRITTEMP=		CRITPRES=	
DENSITY =	1474.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.6000E-04	UPTOXLIM=	0.1000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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COX CHEMNAME = CADMIUM OXIDE PATHCODE = II

MOLECWT =	128.4	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	6950.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1750E-01	INHALCNC=	0.1750E-01	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPA CHEMNAME = COPPER ARSENITE PATHCODE = II

MOLECWT =	277.4	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1100. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4000E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPB CHEMNAME = COPPER BROMIDE PATHCODE = SS

MOLECWT =	223.4	NBP =		NFP =	771.0	CRITTEMP=		CRITPRES=	
DENSITY =	4770.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	55.90	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

CPC CHEMNAME = COPPER CHLORIDE PATHCODE = SS

MOLECWT =	170.5	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2540.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	77.00	SOLUBTMP=	293.1	A =	-16.81	B =	0.3200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

CPF CHEMNAME = COPPER FLUOROBORATE PATHCODE = A P

MOLECWT =	237.2	NBP =	373.0	(E)	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1540.	DENSTEMP=	293.1		SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=			AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =		B =		AVP =	
BVP =		CVP =			VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPH CHEMNAME = CAMPHENE PATHCODE = II

MOLECWT =	136.0	NBP =	427.0	NFP =	323.0	CRITTEMP=		CRITPRES=	
DENSITY =	870.0	DENSTEMP=	288.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.65
BVP =	2412.	CVP =	-0.1500	VPUPRBND=	427.1	VPLWRBND=	353.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4520E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPL CHEMNAME = CHLOROPICRIN, LIQUID PATHCODE = A X

MOLECWT =	164.4	NBP =	385.0	NFP =	209.0	CRITTEMP=		CRITPRES=			
DENSITY =	1640.	DENSTEMP=	298.1	SHPSTATE=	L	ARHO =	2136.	BRHO =	-2.000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.1098E-02	LQVISTMP=	293.1		
AVIS =	-10.91	BVIS =	1200.	LVUPRBND=	353.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1675.	(E) LQHTCPTM=	293.1	AHC =	1675.	(E) BHC =	0.0000E+00	(E) LHCUPBND=	298.1		
LHCLOBND=	283.1	SURFTENS=	0.3230E-01	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01	(E) INTFTTMP=	293.1		
SOLUBPNT=	0.2272	SOLUBTMP=	273.1	A =	0.9372	B =	-0.2[illegible]0E-02	AVP =	10.17		
BVP =	1990.	CVP =	-0.1500	VPUPRBND=	393.1	VPLWRBND=	253.1	AVCP =	0.1866E+05	(E	
BVCP =	323.7	(E) CVCP =	-0.2706	(E) DVCP =	0.7620E-04	(E) VHCUPBND=	500.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.2400E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=	0.1000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04	(E	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPN CHEMNAME = P-CHLOROPHENOL PATHCODE = II SS

MOLECWT =	128.6	NBP =	493.0	NFP =	316.0	CRITTEMP=		CRITPRES=	
DENSITY =	1310.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	3.200	SOLUBTMP=	298.1	A =		B =		AVP =	10.22
BVP =	2570.	CVP =	-0.1500	VPUPRBND=	493.1	VPLWRBND=	463.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3700E+06(E)	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPO CHEMNAME = CAMPHOR OIL PATHCODE = A T U

MOLECWT =			NBP =	473.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	860.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1000.	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	300.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.1000E-01	(E)	LQVISTMP=	293.0	(E	
AVIS =	-9.340	(E)	BVIS =	1390.	(E)	LVUPRBND=	300.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1300	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1300	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	300.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0	(E	
LHCLOBND=	273.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.6000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4600E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=	3.000		INHALTME=	1800.		LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPP CHEMNAME = CALCIUM PHOSPHIDE PATHCODE = RR

MOLECWT =	182.2	NBP =		NFP =	1870.	(E)	CRITTEMP=		CRITPRES=
DENSITY =	2510.	DENSTEMP=	293.1	SHPSTATE=S			ARHO =		BRHO =
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =			B =		AVP =
BVP =		CVP =		VPUPRBND=			VPLWRBND=		AVCP =
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBSTN=			HTDECOMP=		HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=		UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPR CHEMNAME = CYCLOPROPANE PATHCODE = A B C D E F G

MOLECWT =	42.10	NBP =	240.3	NFP =	145.8	CRITTEMP=	397.9	CRITPRES=	0.5500E+07
DENSITY =	676.0	DENSTEMP=	240.1	SHPSTATE=L		ARHO =	976.4	BRHO =	-1.250
CRHO =	0.0000E+00	LDUPRBND=	273.1	LDLWRBND=	193.1	LQVISPNT=	0.1600E-03	LQVISTMP=	240.1
AVIS =	-9.852	BVIS =	267.0	LVUPRBND=	273.1	LVLWRBND=	193.1	LQTHRCND=	0.1337
LTHCNTMP=	240.1	ACON =	0.2656	BCON =	-0.5466E-03	LTCUPBND=	273.1	LTCLOBND=	233.1
LQHTCPPT=	1951.	LQHTCPTM=	240.1	AHC =	1138.	BHC =	3.391	LHCUPBND=	273.1
LHCLOBND=	193.1	SURFTENS=	0.2200E-01	SFTNTEMP=	233.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.941
BVP =	1186.	CVP =	-0.1500	VPUPRBND=	263.1	VPLWRBND=	183.1	AVCP =	1398.
BVCP =	182.1	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	573.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4730E+06	HTCOMBTN=	-0.4939E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.400	UPFLMLIM=	10.30	BURNRATE=	
TOXINHAL=	400.0	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.9167 (E)	AIRFUEL =	14.67 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPS CHEMNAME = CAUSTIC POTASH SOLUTION PATHCODE = A P

MOLECWT =		NBP =	403.0	(E)	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1450.	(E) DENSTEMP=	293.2		SHPSTATE=		ARHO =		BRHO =	
CRHO =		LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2805.	LQHTCPTM=	293.2		AHC =	1578.	BHC =	4.187	LHCUPBND=	313.2
LHCLOBND=	273.2	SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =		B =		AVP =	
BVP =		CVP =			VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.4000E+05(E
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CPT CHEMNAME = CAPTAN PATHCODE = II

MOLECWT =	300.6	NBP =		NFP =	443.0	CRITTEMP=		CRITPRES=	
DENSITY =	1740.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.3000E-03	SOLUBTMP=	298.1	A =	0.3000E-03	B =	0.0000E+00	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1650E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CRA CHEMNAME = CHLOROACETOPHENONE PATHCODE = II RR

MOLECWT =	154.6	NBP =	520.0	NFP =	312.0	(E)	CRITTEMP=		CRITPRES=
DENSITY =	1320.	DENSTEMP=	288.1	SHPSTATE=S			ARHO =		BRHO =
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =			B =		AVP =
BVP =		CVP =		VPUPRBND=			VPLWRBND=		AVCP =
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2170E+08	(E)	HTDECOMP=		HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=
TOXINHAL=	0.5000E-01	INHALCNC=		INHALTME=			LOTOXLIM=		UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CRB CHEMNAME = CHLOROBENZENE PATHCODE = A T U X Y

MOLECWT =	112.6	NBP =	405.0	NFP =	227.6	CRITTEMP=	632.0	CRITPRES=	0.4520E+07
DENSITY =	1110.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1412.	BRHO =	-0.9634
CRHO =	-0.2500E-03	LDUPRBND=	348.2	LDLWRBND=	273.2	LQVISPNT=	0.8000E-03	LQVISTMP=	293.2
AVIS =	-10.85	BVIS =	1090.	LVUPRBND=	343.2	LVLWRBND=	273.2	LQTHRCND=	0.1279
LTHCNTMP=	293.2	ACON =	0.1279	BCON =	0.0000E+00	LTCUPBND=	333.2	LTCLOBND=	273.2
LQHTCPPT=	1340.	LQHTCPTM=	293.2	AHC =	914.4	BHC =	1.465	LHCUPBND=	373.2
LHCLOBND=	273.2	SURFTENS=	0.3300E-01	SFTNTEMP=	298.2	INTFTENS=	0.3741E-01	INTFTTMP=	293.2
SOLUBPNT=	0.4900E-01	SOLUBTMP=	298.2	A =		B =		AVP =	10.62
BVP =	2206.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	263.2	AVCP =	-0.1976E+05
BVCP =	468.9	CVCP =	-0.2470	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3140E+06	HTCOMBTN=	-0.2800E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.300	UPFLMLIM=	7.100	BURNRATE=	0.7670E-04(E
TOXINHAL=	75.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CRE CHEMNAME = CALCIUM RESINATE PATHCODE = II

MOLECWT =	643.0	(E)	NBP =	589.0	(E)	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1130.		DENSTEMP=	298.1		SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=			LDLWRBND=		LQVISPNT=		LOVISTMP=	
AVIS =			BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=			AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=			A =		B =		AVP =	
BVP =			CVP =			VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=			INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CRF CHEMNAME = CHLOROFORM PATHCODE = A X

MOLECWT =	119.4	NBP =	334.4	NFP =	209.7	CRITTEMP=	536.4	CRITPRES=	0.5500E+07
DENSITY =	1490.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2009.	BRHO =	-1.610
CRHO =	-0.5300E-03	LDUPRBND=	333.2	LDLWRBND=	223.2	LQVISPNT=	0.5700E-03	LQVISTMP=	293.2
AVIS =	-10.26	BVIS =	813.0	LVUPRBND=	373.2	LVLWRBND=	253.2	LQTHRCND=	0.1163
LTHCNTMP=	293.2	ACON =	0.1857	BCON =	-0.2326E-03	LTCUPBND=	353.2	LTCLOBND=	213.2
LQHTCPPT=	950.4	LQHTCPTM=	293.2	AHC =	582.2	BHC =	1.256	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.2710E-01	SFTNTEMP=	293.2	INTFTENS=	0.3280E-01	INTFTTMP=	293.2
SOLUBPNT=	0.8000	SOLUBTMP=	298.2	A =		B =		AVP =	10.08
BVP =	1687.	CVP =	0.4004E-01	VPUPRBND=	323.2	VPLWRBND=	233.2	AVCP =	0.2592E+05
BVCP =	168.7	CVCP =	-0.1172	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2483E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	25.00	INHALCNC=	400.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CRS CHEMNAME = CRESOLS PATHCODE = A P Q T U X Y

MOLECWT =	108.1		NBP =	450.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	1030.	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1241.		BRHO =	-0.7000		
CRHO =	0.0000E+00		LDUPRBND=	313.2		LDLWRBND=	273.2		LQVISPNT=	0.8200E-02	(E)	LQVISTMP=	293.0		(E
AVIS =	-15.67	(E)	BVIS =	3185.	(E)	LVUPRBND=	373.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1512		
LTHCNTMP=	293.2		ACON =	0.1512		BCON =	0.0000E+00		LTCUPBND=	313.2		LTCLOBND=	283.2		
LQHTCPPT=	2600.	(E)	LQHTCPTM=	300.0	(E)	AHC =	2600.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	310.0		(E
LHCLOBND=	280.0	(E)	SURFTENS=	0.3700E-01		SFTNTEMP=	293.2		INTFTENS=	0.4000E-01	(E)	INTFTTMP=	300.0		(E
SOLUBPNT=	2.200		SOLUBTMP=	293.2		A =			B =			AVP =	10.18		(E
BVP =	2430.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	450.0	(E)	VPLWRBND=	273.0	(E)	AVCP =	-0.2010E+05		
BVCP =	570.5		CVCP =	-0.2868		DVCP =	0.0000E+00		VHCUPBND=	500.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.4600E+06	(E)	HTCOMBTN=	-0.3429E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=	1.100		BURNRATE=			
TOXINHAL=	5.000		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CSA CHEMNAME = CHLOROSULFONIC ACID PATHCODE = A O

MOLECWT =	116.5	NBP =	428.0	NFP =	193.0	CRITTEMP=		CRITPRES=	
DENSITY =	1750.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2225.	BRHO =	-1.610
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1172.	LQHTCPTM=	293.2	AHC =	1172.	BHC =	0.0000E+00	LHCUPBND=	353.2
LHCLOBND=	288.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	14.66
BVP =	3830.	CVP =	0.4004E-01	VPUPRBND=	353.2	VPLWRBND=	293.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3250E+06(E)	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.1415E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	5.000	INHALCNC=	5.000	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CSF CHEMNAME = COPPER SULFATE PATHCODE = SS

MOLECWT =	249.7	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2290.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-73.31	B =	0.3200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CSS CHEMNAME = CAUSTIC SODA SOLUTION PATHCODE = A P

MOLECWT =		NBP =	403.0	(E)	NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1500.	DENSTEMP=	293.2		SHPSTATE=		ARHO =		BRHO =		
CRHO =		LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=		ACON =			BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=	3266.	LQHTCPTM=	298.2		AHC =		BHC =		LHCUPBND=		
LHCLOBND=		SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=			A =		B =		AVP =		
BVP =		CVP =			VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =		CVCP =			DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.4000E+05(E	
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=		UPTOXLIM=		
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CSY CHEMNAME = CORN SYRUP PATHCODE = A P

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1400.	DENSTEMP=	310.2	SHPSTATE=L		ARHO =	1633.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3000. (E)	LQHTCPTM=	293.0 (E)	AHC =	3000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	300.0 (E
LHCLOBND=	293.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CTA CHEMNAME = CROTONALDEHYDE PATHCODE = A P Q

MOLECWT =	70.09		NBP =	375.4		NFP =	198.0		CRITTEMP=	568.0		CRITPRES=	0.4400E+07		
DENSITY =	852.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1145.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	373.2		LDLWRBND=	273.2		LQVISPNT=	0.7500E-03	(E)	LQVISTMP=	293.0		(E
AVIS =	-11.70	(E)	BVIS =	1320.	(E)	LVUPRBND=	300.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1500		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	1880.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1880.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0		(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.6000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=	15.50		SOLUBTMP=	293.2		A =			B =			AVP =	9.051		
BVP =	1291.		CVP =	-56.16		VPUPRBND=	413.2		VPLWRBND=	273.2		AVCP =	0.2123E+05		
BVCP =	254.6		CVCP =	-0.8374E-01		DVCP =	-0.8374E-05		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.4647E+06		HTCOMBTN=	-0.3190E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	2.100		UPFLMLIM=	15.50		BURNRATE=			
TOXINHAL=	2.000		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CTC CHEMNAME = CATECHOL PATHCODE = SS

MOLECWT =	110.1	NBP =	418.7	NFP =	377.5	CRITTEMP=		CRITPRES=	
DENSITY =	1344.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	45.00	SOLUBTMP=	293.1	A =		B =		AVP =	10.79
BVP =	3000.	CVP =	-0.1500	VPUPRBND=	523.1	VPLWRBND=	378.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2600E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CTD CHEMNAME = 4-CHLORO-O-TOLUIDINE PATHCODE = II

MOLECWT =	141.6	NBP =	514.0	NFP =	298.0	CRITTEMP=		CRITPRES=	
DENSITY =	1100. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CTF CHEMNAME = CHLORINE TRIFLUORIDE PATHCODE = A C O

MOLECWT =	92.50	NBP =	284.8	NFP =	197.1	CRITTEMP=	426.0	CRITPRES=	0.5770E+07
DENSITY =	1850.	DENSTEMP=	284.1	SHPSTATE=L		ARHO =	2406.	BRHO =	-0.8715
CRHO =	-0.3790E-02	LDUPRBND=	333.1	LDLWRBND=	273.1	LQVISPNT=	0 4800E-03	LQVISTMP=	284.4
AVIS =	-10.45 (E)	BVIS =	800.0 (E)	LVUPRBND=	284.4	LVLWRBND=	263.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	284.4	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	284.4	LTCLOBND=	273.1
LQHTCPPT=	1269.	LQHTCPTM=	278.2	AHC =	1047.	BHC =	0.7955	LHCUPBND=	284.1
LHCLOBND=	213.1	SURFTENS=	0.2660E-01	SFTNTEMP=	273.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.492
BVP =	1097.	CVP =	-40.40	VPUPRBND=	303.1	VPLWRBND=	226.1	AVCP =	0.3768E+05(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	300.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2980E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1000	INHALCNC=	0.1000	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CUM CHEMNAME = CUMENE PATHCODE = A T U

MOLECWT =	120.2	NBP =	425.6	NFP =	177.1	CRITTEMP=	631.1	CRITPRES=	0.3208E+07		
DENSITY =	866.0	DENSTEMP=	288.2	SHPSTATE=	L	ARHO =	1122.	BRHO =	-0.8900		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.7900E-03	LQVISTMP=	293.2		
AVIS =	-11.41	BVIS =	1250.	LVUPRBND=	303.2	LVLWRBND=	253.2	LQTHRCND=	0.1256		
LTHCNTMP=	293.2	ACON =	0.1938	BCON =	-0.2326E-03	LTCUPBND=	373.2	LTCLOBND=	263.2		
LQHTCPPT=	1717.	LQHTCPTM=	293.2	AHC =	1103.	BHC =	2.093	LHCUPBND=	353.2		
LHCLOBND=	263.2	SURFTENS=	0.2820E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	7.657		
BVP =	1290.	CVP =	0.4004E-01	VPUPRBND=	353.2	VPLWRBND=	263.2	AVCP =	-0.3370E+05		
BVCP =	724.3	CVCP =	-0.3433	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3123E+06	HTCOMBTN=	-0.4120E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.9000	UPFLMLIM=	6.500	BURNRATE=	0.8333E-04		
TOXINHAL=	50.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CYA CHEMNAME = CYANOACETIC ACID PATHCODE = SS

MOLECWT =	85.06		NBP =		NFP =	339.0	CRITTEMP=		CRITPRES=	
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.1460E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CYG CHEMNAME = CYANOGEN PATHCODE = A B C K L M N

MOLECWT =	52.00	NBP =	252.1	NFP =	245.3	CRITTEMP=	399.8	CRITPRES=	0.591CE+07
DENSITY =	954.0	DENSTEMP=	252.1	SHPSTATE=L		ARHO =	1206. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	252.1	LDLWRBND=	243.1	LQVISPNT=	0.4000E-03(E)	LQVISTMP=	252.1
AVIS =	-11.79 (E)	BVIS =	1000. (E)	LVUPRBND=	252.1	LVLWRBND=	243.1	LQTHRCND=	0.1396 (E
LTHCNTMP=	252.1	ACON =	0.1396 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	252.1	LTCLOBND=	243.1
LQHTCPPT=	1256. (E)	LQHTCPTM=	252.1	AHC =	1256. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	252.1
LHCLOBND=	243.1	SURFTENS=	0.2200E-01	SFTNTEMP=	252.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.972
BVP =	1251.	CVP =	-0.1500	VPUPRBND=	303.1	VPLWRBND=	248.1	AVCP =	0.5862E+05(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	50.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4650E+06	HTCOMBTN=	-0.2106E+08	HTDECOMP=		HTSOLUTN=	0.5850E+07
HTREACTN=		HTPOLYMR=		LOFLMLIM=	6.600	UPFLMLIM=	43.00	BURNRATE=	
TOXINHAL=	10.00	INHALCNC=	2.160	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	1.000 (E)	AIRFUEL =	5.280 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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CYP CHEMNAME = CYCLOPENTANE PATHCODE = A T U V W

MOLECWT =	70.10	NBP =	322.5	NFP =	179.3	CRITTEMP=	511.8	CRITPRES=	0.4510E+07
DENSITY =	740.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1033.	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.4300E-03	LQVISTMP=	293.1
AVIS =	-11.22	BVIS =	1020.	LVUPRBND=	353.1	LVLWRBND=	273.1	LQTHRCND=	0.1186
LTHCNTMP=	293.1	ACON =	0.2177	BCON =	-0.3373E-03	LTCUPBND=	353.1	LTCLOBND=	273.1
LQHTCPPT=	1788.	LQHTCPTM=	293.1	AHC =	560.4	BHC =	4.187	LHCUPBND=	353.1
LHCLOBND=	273.1	SURFTENS=	0.2300E-01	SFTNTEMP=	293.1	INTFTENS=	0.2800E-01(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.492
BVP =	1447.	CVP =	-0.1500	VPUPRBND=	333.1	VPLWRBND=	253.1	AVCP =	-0.2152E+05
BVCP =	334.9	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	570.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3900E+06	HTCOMBTN=	-0.4650E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100 (E)	UPFLMLIM=	8.700 (E)	BURNRATE=	0.1319E-03
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DAA CHEMNAME = DIACETONE ALCOHOL PATHCODE = A P O

MOLECWT =	116.2	NBP =	442.4	NFP =	230.4	CRITTEMP=	607.0	CRITPRES=	0.2620E+07
DENSITY =	938.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1231.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.3200E-02	LQVISTMP=	293.2
AVIS =	-11.62	BVIS =	1721.	LVUPRBND=	303.2	LVLWRBND=	283.2	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2400. (E)	LQHTCPTM=	293.0 (E)	AHC =	2400. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	293.0 (E
LHCLOBND=	273.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.198
BVP =	1531.	CVP =	-77.16	VPUPRBND=	473.2	VPLWRBND=	283.2	AVCP =	0.1633E+05
BVCP =	628.0	CVCP =	-0.3852	DVCP =	0.9211E-04	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3559E+06	HTCOMBTN=	-0.3030E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	6.900	BURNRATE=	
TOXINHAL=	50.00	INHALCNC=	150.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DAC CHEMNAME = DIMETHYLACETAMIDE PATHCODE = A P O

MOLECWT =	87.10	NBP =	439.0	NFP =	253.0	CRITTEMP=		CRITPRES=	
DENSITY =	943.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1206.	BRHO =	-0.9000
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	273.1	LQVISPNT=	0.9200E-03	LQVISTMP=	298.1
AVIS =	-10.77	BVIS =	1127.	LVUPRBND=	373.1	LVLWRBND=	273.1	LQTHRCND=	0.1861
LTHCNTMP=	293.1	ACON =	0.4227	BCON =	-0.8025E-03	LTCUPBND=	333.1	LTCLOBND=	273.1
LQHTCPPT=	2010.	LQHTCPTM=	293.1	AHC =	1365.	BHC =	2.177	LHCUPBND=	373.1
LHCLOBND=	273.1	SURFTENS=	0.3400E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.49
BVP =	2410.	CVP =	-0.1500	VPUPRBND=	443.1	VPLWRBND=	323.1	AVCP =	0.2162E+05
BVCP =	293.5	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4980E+06	HTCOMBTN=	-0.2920E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.500	UPFLMLIM=	11.50	BURNRATE=	0.4676E-04
TOXINHAL=	10.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DAI CHEMNAME = DODECYLBENZENESULFONIC ACID.ISOPROPYLAM- PATHCODE = SS

MOLECWT =	385.5	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1030.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		SCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DAL CHEMNAME = DECALDEHYDE PATHCODE = A T U

MOLECWT =	145.3		NBP =	480.0	(E)	NFP =	291.0		CRITTEMP=			CRITPRES=			
DENSITY =	830.0		DENSTEMP=	288.2		SHPSTATE=L			ARHO =	1118.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	313.2		LDLWRBND=	273.2		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500		(E
LTHCNTMP=	310.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	320.0	(E)	LTCLOBND=	300.0		(E
LQHTCPPT=	1900.	(E)	LQHTCPTM=	300.0	(E)	AHC =	1900.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	310.0		(E
LHCLOBND=	295.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	310.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	310.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.884		(E
BVP =	2337.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	400.0	(E)	VPLWRBND=	295.0	(E)	AVCP =	0.2805E+05		
BVCP =	795.5		CVCP =	-0.2847		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4240E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DAM CHEMNAME = DIPHENYLAMINE PATHCODE = II

MOLECWT =	169.2	NBP =	575.0	NFP =	326.0	CRITTEMP=		CRITPRES=	
DENSITY =	1160	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3790E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.325	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN ST SYSTEM OF UNITS

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DAN CHEMNAME = N-DECYL ALCOHOL PATHCODE = A T U

MOLECWT =	158.3		NBP =	503.0		NFP =	280.1		CRITTEMP=	700.0		CRITPRES=	0.2200E+07		
DENSITY =	840.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1063.		BRHO =	-0.7600		
CRHO =	0.0000E+00		LDUPRBND=	373.2		LDLWRBND=	283.2		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500	(E	
LTHCNTMP=	283.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	310.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2300.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2300.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	320.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.1500E-01	(E)	SFTNTEMP=	283.0	(E)	INTFTENS=	0.6000E-01	(E)	INTFTTMP=	283.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	8.895		
BVP =	1399.		CVP =	-143.2		VPUPRBND=	523.2		VPLWRBND=	293.2		AVCP =	0.2219E+05		
BVCP =	887.6		CVCP =	-0.4689		DVCP =	0.9630E-04		VHCUPBND=	500.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.3100E+06	(E)	HTCOMBTN=	-0.4170E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DAP CHEMNAME = DI-N-AMYL PHTHALATE PATHCODE = A T U

MOLECWT =	306.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	820.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=	0.3550E-01	LQVISTMP=	293.1
AVIS =	-15.47	BVIS =	3556.	LVUPRBND=	363.1	LVLWRBND=	293.1	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.3150E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1000E-01	SOLUBTMP=	293.1	A =		B =		AVP =	13.28
BVP =	4766.	CVP =	-0.1500	VPUPRBND=	403.1	VPLWRBND=	323.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3230E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBA CHEMNAME = DI-N-BUTYLAMINE PATHCODE = A T U

MOLECWT =	129.2	NBP =	432.8	NFP =	211.0	CRITTEMP=		CRITPRES=			
DENSITY =	767.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1042.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.9000E+03	LQVISTMP=	293.1	
AVIS =	-11.58	BVIS =	1339.	LVUPRBND=	323.1	LVLWRBND=	273.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=	1884.	(E)	LQHTCPTM=	293.1	AHC =	1884.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 298.1
LHCLOBND=	283.1	SURFTENS=	0.2476E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=	0.4700	SOLUBTMP=	293.1	A =		B =		AVP =	9.161		
BVP =	1499.	CVP =	-72.10	VPUPRBND=	443.1	VPLWRBND=	293.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.3030E+06	HTCOMBTN=	-0.4368E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=		BURNRATE=	0.9753E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBC CHEMNAME = DIISOBUTYLCARBINOL PATHCODE = A T U

MOLECWT =	144.3		NBP =	451.0		NFP =	208.0		CRITTEMP=			CRITPRES=			
DENSITY =	812.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1105.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	283.2		LQVISPNT=	0.1430E-01		LQVISTMP=	293.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1700		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1700	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	2500.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2500.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0		(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.4000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.2000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=	0.6000E-01		SOLUBTMP=	293.2		A =			B =			AVP =	10.35		(E
BVP =	2411.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.3182E+06		HTCOMBTN=	-0.4050E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.8000		UPFLMLIM=	6.100		BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBE CHEMNAME = DI-N-BUTYL ETHER PATHCODE = A T U

MOLECWT =	130.2	NBP =	415.0	NFP =	177.8	CRITTEMP=		CRITPRES=	
DENSITY =	767.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1025.	BRHO =	-0.8800
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	233.1	LQVISPNT=	0.6800E-03	LQVISTMP=	293.1
AVIS =	-11.35	BVIS =	1190.	LVUPRBND=	353.1	LVLWRBND=	253.1	LQTHRCND=	0.1151
LTHCNTMP=	293.1	ACON =	0.1940	BCON =	-0.2675E-03	LTCUPBND=	333.1	LTCLOBND=	253.1
LQHTCPPT=	2135.	LQHTCPTM=	293.1	AHC =	1522.	BHC =	2.093	LHCUPBND=	333.1
LHCLOBND=	233.1	SURFTENS=	0.2300E-01	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	0.3000E-01	SOLUBTMP=	293.1	A =		B =		AVP =	10.24
BVP =	2174.	CVP =	-0.1500	VPUPRBND=	403.1	VPLWRBND=	293.1	AVCP =	0.7214E+05
BVCP =	435.4	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	573.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2800E+06	HTCOMBTN=	-0.4100E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.500	UPFLMLIM=	7.600	BURNRATE=	0.9519E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBK CHEMNAME = DI-N-BUTYL KETONE PATHCODE = A T U

MOLECWT =	142.0	NBP =	461.0	NFP =	267.0	CRITTEMP=		CRITPRES=	
DENSITY =	822.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	845.9	BRHO =	-0.8000E-01
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.2660E-01	SFTNTEMP=	294.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.171
BVP =	1920.	CVP =	-0.1500	VPUPRBND=	463.1	VPLWRBND=	323.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3000E+06(E)	HTCOMBTN=	-0.3950E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBL CHEMNAME = DIISOBUTYLENE PATHCODE = A T U V W

MOLECWT =	112.2		NBP =	374.7		NFP =	179.7		CRITTEMP=	559.9		CRITPRES=	0.2619E+07		
DENSITY =	715.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	964.2		BRHO =	-0.8500		
CRHO =	0.0000E+00		LDUPRBND=	313.2		LDLWRBND=	283.2		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0	(E	
LHCLOBND=	273.0	(E)	SURFTENS=	0.2070E-01		SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	10.15		
BVP =	1903.		CVP =	0.4004E-01		VPUPRBND=	313.2		VPLWRBND=	263.2		AVCP =	-0.1376E+05	(E	
BVCP =	785.0	(E)	CVCP =	-0.4750	(E)	DVCP =	0.1100E-03	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2512E+06		HTCOMBTN=	-0.4396E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.9000		UPFLMLIM=			BURNRATE=	0.1317E-03		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBO CHEMNAME = O-DICHLOROBENZENE PATHCODE = A X Y

MOLECWT =	147.0	NBP =	453.7	NFP =	255.6	CRITTEMP=		CRITPRES=			
DENSITY =	1306.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1599.	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	298.2	LDLWRBND=	288.2	LQVISPNT=	0.7500E-03(E)	LQVISTMP=	293.0	(E	
AVIS =	-11.70 (E)	BVIS =	1320. (E)	LVUPRBND=	293.0 (E)	LVLWRBND=	273.0 (E)	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1172.	LQHTCPTM=	293.2	AHC =	787.3	BHC =	1.256	LHCUPBND=	373.2		
LHCLOBND=	273.2	SURFTENS=	0.3700E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	0.1500E-01	SOLUBTMP=	298.2	A =		B =		AVP =	9.870		
BVP =	2246.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	-4438.		
BVCP =	477.3	CVCP =	-0.2721	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.2675E+06	HTCOMBTN=	-0.1853E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.200	UPFLMLIM=	9.200	BURNRATE=	0.2167E-04		
TOXINHAL=	50.00	INHALCNC=	50.00	INHALTME=	900.0	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBP CHEMNAME = P-DICHLOROBENZENE PATHCODE = II

MOLECWT =	147.0	NBP =	447.4	NFP =	326.0	CRITTEMP=		CRITPRES=	
DENSITY =	1458.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.8000E-02	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.2167E-04(E
TOXINHAL=	75.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBR CHEMNAME = DECABORANE PATHCODE = II RR

MOLECWT =	122.3	NBP =	486.0	NFP =	372.0	CRITTEMP=		CRITPRES=	
DENSITY =	940.0	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	13.61
BVP =	3799.	CVP =	-0.1500	VPUPRBND=	373.1	VPLWRBND=	273.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.6671E+08	HTDECOMP=	-0.6490E+06	HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5000E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBS CHEMNAME = DODECYLBENZENESULFONIC ACID.TRIETHANOLA- PATHCODE = A P

MOLECWT =	475.6	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1200. (E)	DENSTEMP=	293.1	SHPSTATE=L	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBT CHEMNAME = DIBUTYLPHENOL PATHCODE = A T U II

MOLECWT =	206.3	NBP =	526.0	NFP =	309.0	CRITTEMP=		CRITPRES=	
DENSITY =	914.0	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4100E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DBZ CHEMNAME = N-DECYLBENZENE PATHCODE = A T U

MOLECWT =	218.0	NBP =	573.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	855.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	875.1	BRHO =	-0.7000E-01		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3800E-02	LQVISTMP=	293.1		
AVIS =	-12.25	BVIS =	1956.	LVUPRBND=	313.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	278.1		
LQHTCPPT=	1424.	LQHTCPTM=	293.1	AHC =	1424.	BHC =	0.0000E+00	LHCUPBND=	298.1		
LHCLOBND=	278.1	SURFTENS=	0.2995E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =			
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2413E+06	HTCOMBTN=	-0.4270E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.8417E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DCA CHEMNAME = 2,4-DICHLOROPHENOXYACETIC ACID PATHCODE = II

MOLECWT =	221.0	NBP =		NFP =	314.0	CRITTEMP=		CRITPRES=	
DENSITY =	1100. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.7000E-01	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1800E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DCB CHEMNAME = DICHLOROBUTENE PATHCODE = A X Y

MOLECWT =	125.0	NBP =	429.0	NFP =	225.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	1190.	DENSTEMP=	293.1	SHPSTATE=L			ARHO =	1483.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	278.1	LQVISPNT=	0.1000E-02		LQVISTMP=	298.1
AVIS =	-11.34	(E)	BVIS =	1320.	(E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.1	LTCLOBND=	283.1
LQHTCPPT=	1675.	(E)	LQHTCPTM=	293.1	AHC =	447.4	(E)	BHC =	4.187	(E)	LHCUPBND= 303.1
LHCLOBND=	278.1	SURFTENS=	0.2400E-01	(E)	SFTNTEMP=	293.1		INTFTENS=	0.3000E-01	(E)	INTFTTMP= 293.1
SOLUBPNT=	0.2000	SOLUBTMP=	298.1	A =				B =			AVP = 10.31
BVP =	2274.	CVP =	-0.1500	VPUPRBND=	429.1			VPLWRBND=	353.1		AVCP = 0.1591E+05 (E
BVCP =	356.0	(E)	CVCP =	-0.2097	(E)	DVCP =	0.4709E-04	(E)	VHCUPBND=	500.0	VHCLOBND= 250.0
HTFUSION=		LHTVAPOR=	0.3100E+06	(E)	HTCOMBTN=	-0.1800E+08	(E)	HTDECOMP=			HTSOLUTN=
HTREACTN=		HTPOLYMR=			LOFLMLIM=	1.500		UPFLMLIM=	4.000		BURNRATE= 0.4342E-04
TOXINHAL=		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM= 0.5000E-03
LATETOX =		ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DCE CHEMNAME = 1-DECENE PATHCODE = A T U

MOLECWT =	140.2	NBP =	443.8	NFP =	206.9	CRITTEMP=		CRITPRES=			
DENSITY =	741.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	969.1	BRHO =	-0.7800		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.8000E-03	LQVISTMP=	293.2		
AVIS =	-10.98	BVIS =	1121.	LVUPRBND=	373.2	LVLWRBND=	273.2	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E) ACON =	0.1500	(E) BCON =	0.0000E+00	(E) LTCUPBND=	310.0	(E) LTCLOBND=	273.0	(E	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=			
LHCLOBND=		SURFTENS=	0.2300E-01	(E) SFTNTEMP=	293.0	(E) INTFTENS=	0.5000E-01	(E) INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.59		
BVP =	2446.	CVP =	0.4004E-01	VPUPRBND=	393.2	VPLWRBND=	293.2	AVCP =	0.4187E+05		
BVCP =	607.1	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.2759E+06	HTCOMBTN=	-0.4444E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.1000E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DCF CHEMNAME = DICHLORODIFLUOROMETHANE PATHCODE = A C I J

MOLECWT =	120.9	NBP =	243.4	NFP =	115.5	CRITTEMP=	385.0	CRITPRES=	0.4120E+07
DENSITY =	1350.	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	2351.	BRHO =	-3.500
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	253.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1051.	LQHTCPTM=	293.2	AHC =	433.0	BHC =	2.093	LHCUPBND=	313.2
LHCLOBND=	233.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	0.2667E+05
BVCP =	203.5	CVCP =	-0.1549	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3262E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DCM CHEMNAME = DICHLOROMETHANE PATHCODE = A P X

MOLECWT =	84.93	NBP =	313.0	NFP =	176.5	CRITTEMP=	518.0	CRITPRES=	0.6170E+07
DENSITY =	1322.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1853.	BRHO =	-1.800
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	213.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1172.	LQHTCPTM=	293.2	AHC =	804.1	BHC =	1.256	LHCUPBND=	333.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	1.380	SOLUBTMP=	293.2	A =		B =		AVP =	9.940
BVP =	1540.	CVP =	0.4004E-01	VPUPRBND=	303.2	VPLWRBND=	248.2	AVCP =	-0.1059E+05
BVCP =	284.7	CVCP =	-0.2638	DVCP =	0.0000E+00	VHCUPBND=	420.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3295E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	12.00	UPFLMLIM=	19.00	BURNRATE=	
TOXINHAL=	500.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DCP CHEMNAME = 2,4-DICHLOROPHENOL PATHCODE = II

MOLECWT =	163.0	NBP =	489.0	NFP =	318.0	CRITTEMP=		CRITPRES=	
DENSITY =	1400.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.4600	SOLUBTMP=	293.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DCS CHEMNAME = DODECYLBENZENESULFONIC ACID,CALCIUM SALT PATHCODE = A T U

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1040.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6680E-04(E
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DDB CHEMNAME = DODECYLBENZENE PATHCODE = A T U

MOLECWT =	240.0	NBP =	561.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	860.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1065.	BRHO =	-0.7000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.5700E-02	LQVISTMP=	293.1		
AVIS =	-13.12	BVIS =	2335.	LVUPRBND=	323.1	LVLWRBND=	273.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	283.1		
LQHTCPPT=	1884.	(E) LQHTCPTM=	293.1	AHC =	1884.	(E) BHC =	0.0000E+00(E)	LHCUPBND=	303.1		
LHCLOBND=	283.1	SURFTENS=	0.3010E-01	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.421		
BVP =	2320.	CVP =	-0.1500	VPUPRBND=	313.1	VPLWRBND=	283.1	AVCP =	0.5631E+05		
BVCP =	1013.	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3400E+06	HTCOMBTN=	-0.4180E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6179E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

DDC CHEMNAME = 1-DODECENE PATHCODE = A T U

MOLECWT =	168.3		NBP =	486.0		NFP =	238.0		CRITTEMP=		CRITPRES=
DENSITY =	758.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	972.4	BRHO = -0.7300
CRHO =	0.0000E+00		LDUPRBND=	373.2		LDLWRBND=	273.2		LQVISPNT=	0.1300E-02	LQVISTMP= 293.2
AVIS =	-11.33		BVIS =	1374.		LVUPRBND=	373.2		LVLWRBND=	273.2	LQTHRCND= 0.1500 (E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0 (E)	LTCLOBND= 273.0 (E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E) LHCUPBND= 303.0 (E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2400E-01		SFTNTEMP=	293.2		INTFTENS=	0.4000E-01	(E) INTFTTMP= 293.0 (E
SOLUBPNT=			SOLUBTMP=			A =			B =		AVP = 10.81
BVP =	2783.		CVP =	0.4004E-01		VPUPRBND=	423.2		VPLWRBND=	293.2	AVCP = 0.2106E+05
BVCP =	932.4		CVCP =	-0.3308		DVCP =	0.0000E+00		VHCUPBND=	600.0	VHCLOBND= 250.0
HTFUSION=			LHTVAPOR=	0.2554E+06		HTCOMBTN=	-0.4399E+08		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=		BURNRATE= 0.9667E-04
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =											

AD-A034 607 LITTLE (ARTHUR D) INC CAMBRIDGE MASS F/G 7/2
CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
DEC 76 E ATKINSON DOT-CG-24655-A
UNCLASSIFIED USCG-D-124-76 NL

4 OF 10
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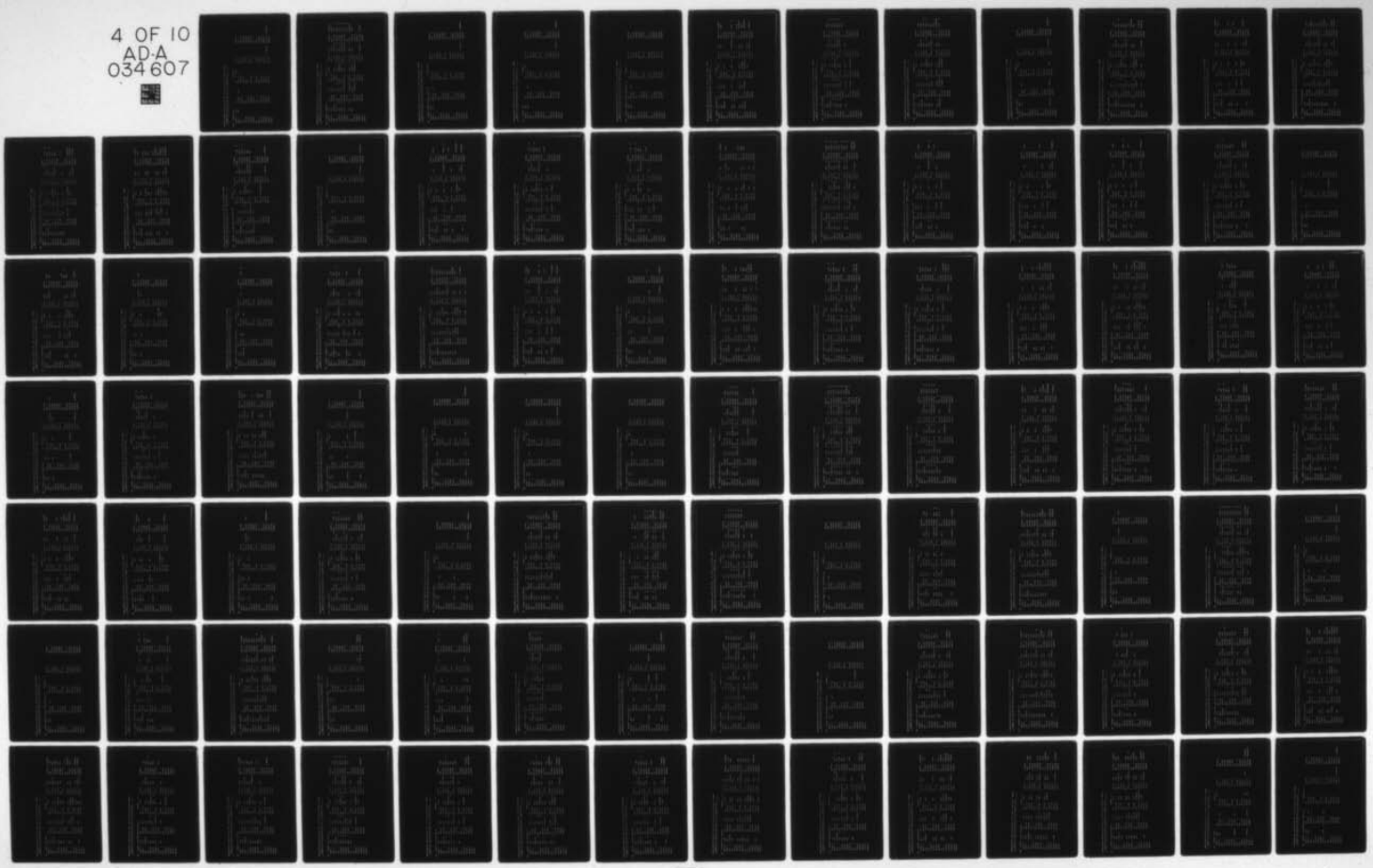

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DDD CHEMNAME = DDD PATHCODE = II

MOLECWT =	320.0	NBP =		NFP =	385.0	CRITTEMP=		CRITPRES=	
DENSITY =	1476.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DDN CHEMNAME = DODECANOL PATHCODE = A T U

MOLECWT =	186.3		NBP =	532.0		NFP =	297.0		CRITTEMP=	679.0		CRITPRES=	0.1900E+07		
DENSITY =	831.0		DENSTEMP=	297.2		SHPSTATE=L			ARHO =	636.9		BRHO =	-0.7800		
CRHO =	0.0000E+00		LDUPRBND=	373.2		LDLWRBND=	297.2		LQVISPNT=	0.1550E-02	(E)	LQVISTMP=	303.0		(E
AVIS =	-13.40	(E)	BVIS =	2100.	(E)	LVUPRBND=	323.0	(E)	LVLWRBND=	303.0	(E)	LQTHRCND=	0.1600		(E
LTHCNTMP=	303.0	(E)	ACON =	0.1600	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	303.0		(E
LQHTCPPT=	2030.	(E)	LQHTCPTM=	303.0	(E)	AHC =	2030.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	323.0		(E
LHCLOBND=	303.0	(E)	SURFTENS=	0.1500E-01	(E)	SFTNTEMP=	303.0	(E)	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	303.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	10.91		(E
BVP =	3142.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	560.0	(E)	VPLWRBND=	350.0	(E)	AVCP =	0.3291E+05		
BVCP =	967.1		CVCP =	-0.3098		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.2600E+06	(E)	HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DDS CHEMNAME = DODECYL SULFATE, SODIUM SALT PATHCODE = SS

MOLECWT =	288.0		NBP =		NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =		
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=		
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S.I. SYSTEM OF UNITS

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DDT CHEMNAME = DDT PATHCODE = II

MOLECWT =	354.5	NBP =		NFP =	381.0	CRITTEMP=		CRITPRES=	
DENSITY =	1560.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DDW CHEMNAME = DIMETHYLHEXANE DIHYDROPEROXIDE, WET PATHCODE = II

MOLECWT =	178.2		NBP =		NFP =		CRITTEMP=		CRITPRES=
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DEA CHEMNAME = DIETHANOLAMINE PATHCODE = A P Q

MOLECWT =	105.1	NBP =	541.6	NFP =	301.0	CRITTEMP=	715.0	CRITPRES=	0.3200E+07		
DENSITY =	1095.	DENSTEMP=	301.2	SHPSTATE=L		ARHO =	1299.	BRHO =	-0.6800		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	301.2	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2500.	(E) LQHTCPTM=	313.0	(E) AHC =	2500.	(E) BHC =	0.0000E+00	(E) LHCUPBND=	323.0	(E	
LHCLOBND=	313.0	(E) SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.26		
BVP =	2329.	CVP =	-98.76	VPUPRBND=	573.2	VPLWRBND=	423.2	AVCP =	0.5573E+05		
BVCP =	439.6	CVCP =	-0.2345	DVCP =	-0.4605E-04	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=	0.2386E+06	LHTVAPOR=	0.6196E+06	HTCOMBTN=	-0.1920E+08	(E) HTDECOMP=		HTSOLUTN=	-0.3000E+05	(E	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.600	UPFLMLIM=	9.800	BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DEB CHEMNAME = DIETHYLBENZENE PATHCODE = A T U

MOLECWT =	134.2		NBP =	453.0		NFP =	343.0	(E)	CRITTEMP=			CRITPRES=		
DENSITY =	860.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1157.		BRHO =	-1.0000	
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.7500E-03	(E)	LQVISTMP=	293.0	(E
AVIS =	-11.70	(E)	BVIS =	1320.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.0	(E)	LTCLOBND=	278.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0	(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.3000E-01		SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	10.43	
BVP =	2456.		CVP =	0.4004E-01		VPUPRBND=	423.2		VPLWRBND=	313.2		AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=	0.3224E+06		HTCOMBTN=	-0.4100E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DEC CHEMNAME = DIETHYL CARBONATE PATHCODE = A T U

MOLECWT =	118.1	NBP =	400.0	NFP =	230.0	CRITTEMP=		CRITPRES=			
DENSITY =	975.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1268.	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=	0.8680E-03	LQVISTMP=	288.2		
AVIS =	-11.46	BVIS =	1270.	LVUPRBND=	313.2	LVLWRBND=	283.2	LQTHRCND=	0.1800	(E	
LTHCNTMP=	293.0	(E) ACON =	0.1800	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.0	(E) LTCLOBND=	278.0	(E	
LQHTCPPT=	1938.	LQHTCPTM=	293.2	AHC =	1325.	BHC =	2.093	LHCUPBND=	373.2		
LHCLOBND=	273.2	SURFTENS=	0.2630E-01	SFTNTEMP=	293.2	INTFTENS=	0.1286E-01	INTFTTMP=	293.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.43		
BVP =	2170.	CVP =	0.4004E-01	VPUPRBND=	403.2	VPLWRBND=	288.2	AVCP =	0.8400E+05	(E	
BVCP =	0.0000E+00	(E) CVCP =	0.0000E+00	(E) DVCP =	0.0000E+00	(E) VHCUPBND=	400.0	(E) VHCLOBND=	300.0	(E	
HTFUSION=		LHTVAPOR=	0.3056E+06	HTCOMBTN=	-0.2180E+08	(E) HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DED CHEMNAME = DIELDRIN PATHCODE = II

MOLECWT =	380.9	NBP =		NFP =	449.0	CRITTEMP=		CRITPRES=	
DENSITY =	1750.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1470E-01	INHALCNC=	0.5880E-01	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S: SYSTEM OF UNITS

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DEE CHEMNAME = DICHLOROETHYL ETHER PATHCODE = A P Q X Y

MOLECWT =	143.0	NBP =	451.0	NFP =	221.0	CRITTEMP=		CRITPRES=	
DENSITY =	1220.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1554.	BRHO =	-1.140
CRHO =	0.0000E+00	LDUPRBND=	353.1	LDLWRBND=	273.1	LQVISPNT=	0.3000E-02	LQVISTMP=	293.1
AVIS =	-10.18 (E)	BVIS =	1280. (E)	LVUPRBND=	298.1	LVLWRBND=	278.1	LQTHRCND=	0.1047 (E
LTHCNTMP=	293.1	ACON =	0.1047 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	278.1
LQHTCPPT=	1591.	LQHTCPTM=	293.1	AHC =	363.6 (E)	BHC =	4.187 (E)	LHCUPBND=	298.1
LHCLOBND=	278.1	SURFTENS=	0.3790E-01	SFTNTEMP=	292.1	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	1.070	SOLUBTMP=	293.1	A =		B =		AVP =	11.22
BVP =	2802.	CVP =	-0.1500	VPUPRBND=	453.1	VPLWRBND=	283.1	AVCP =	0.3136E+05(E
BVCP =	366.2 (E)	CVCP =	-0.2248 (E)	DVCP =	0.3321E-04(E)	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3330E+06	HTCOMBTN=	-0.1750E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.4008E-04
TOXINHAL=	5.000	INHALCNC=	35.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DEG CHEMNAME = DIETHYLENE GLYCOL PATHCODE = A P Q

MOLECWT =	106.1	NBP =	518.0	NFP =	265.0	CRITTEMP=	681.0	CRITPRES=	0.4700E+07
DENSITY =	1118.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1426.	BRHO =	-1.050
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2307.	LQHTCPTM=	293.2	AHC =	1075.	BHC =	4.187	LHCUPBND=	373.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	12.80
BVP =	3940.	CVP =	0.4004E-01	VPUPRBND=	473.2	VPLWRBND=	293.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.6280E+06	HTCOMBTN=	-0.2237E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.600	UPFLMLIM=	10.80	BURNRATE=	0.2500E-04
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DEL CHEMNAME = 1,2-DICHLOROETHYLENE PATHCODE = A X Y

MOLECWT =	97.00	NBP =	333.0	(E)	NFP =	192.0	(E)	CRITTEMP=		CRITPRES=	
DENSITY =	1270.	DENSTEMP=	298.1		SHPSTATE=L			ARHO =	1628.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	333.1		LDLWRBND=	273.1		LQVISPNT=	0.4200E-03	LQVISTMP=	293.1
AVIS =	-10.30	BVIS =	738.0		LVUPRBND=	373.1		LVLWRBND=	273.1	LQTHRCND=	0.9653E-01
LTHCNTMP=	293.1	ACON =	0.4539E-01		BCON =	0.1744E-03		LTCUPBND=	333.1	LTCLOBND=	273.1
LQHTCPPT=	879.2	LQHTCPTM=	293.1		AHC =	-111.0		BHC =	3.349	LHCUPBND=	333.1
LHCLOBND=	273.1	SURFTENS=	0.2400E-01		SFTNTEMP=	293.1		INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	0.6300	SOLUBTMP=	293.1		A =			B =		AVP =	9.776
BVP =	1560.	CVP =	-0.1500		VPUPRBND=	333.1		VPLWRBND=	283.1	AVCP =	0.3366E+05
BVCP =	106.8	CVCP =	0.0000E+00		DVCP =	0.0000E+00		VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3000E+06		HTCOMSTN=	-0.1127E+08		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=	9.700		UPFLMLIM=	12.80	BURNRATE=	0.4342E-04
TOXINHAL=	200.0	INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S' SYSTEM OF UNITS

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DEM CHEMNAME = DIETHYLENE GLYCOL MONOBUTYL ETHER ACETA- PATHCODE = A P Q

MOLECWT =	204.3	NBP =	519.0	NFP =	240.0	CRITTEMP=			CRITPRES=		
DENSITY =	985.(	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1278.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3600E-02	LQVISTMP=	293.1	
AVIS =	-12.79	(E)	BVIS =	2100.	(E)	LVUPRBND=	303.1	LVLWRBND=	278.1	LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	283.1	
LQHTCPPT=	1675.	(E)	LQHTCPTM=	293.1	AHC =	1675.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.1
LHCLOBND=	283.1	SURFTENS=	0.2200E-01	(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=		
SOLUBPNT=	6.500	SOLUBTMP=	293.1	A =		B =		AVP =	11.92		
BVP =	3588.	CVP =	-0.1500	VPUPRBND=	523.1	VPLWRBND=	403.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2500E+06	HTCOMBTN=	-0.3100E+08	(E)	HTDECOMP=		HTSOLUTN=	-0.6300E+05	(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8000	UPFLMLIM=	5.000	BURNRATE=	0.6346E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DEN CHEMNAME = DIETHYLAMINE PATHCODE = A P O R S

MOLECWT =	73.14	NBP =	328.7	NFP =	223.4	CRITTEMP=	496.7	CRITPRES=	0.3710E+07
DENSITY =	708.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1009.	BRHO =	-1.030
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1233
LTHCNTMP=	293.2	ACON =	0.2458	BCON =	-0.4187E-03	LTCUPBND=	333.2	LTCLOBND=	273.2
LQHTCPPT=	2512.	LQHTCPTM=	293.2	AHC =	1369.	BHC =	3.894	LHCUPBND=	353.2
LHCLOBND=	263.2	SURFTENS=	0.2005E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.904
BVP =	1610.	CVP =	0.4004E-01	VPUPRBND=	323.2	VPLWRBND=	273.2	AVCP =	0.1524E+05
BVCP =	367.2	CVCP =	-0.1005	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3894E+06	HTCOMBTN=	-0.4184E+08	HTDECOMP=		HTSOLUTN=	-0.4689E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	10.10	BURNRATE=	0.1117E-03
TOXINHAL=	25.00	INHALCNC=	100.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DEP CHEMNAME = DI-(2-ETHYLHEXYL) PHOSPHORIC ACID PATHCODE = A T U

MOLECWT =	322.4	NBP =		NFP =	213.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	977.0	DENSTEMP=	293.1	SHPSTATE=	L		ARHO =	1270.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	283.1		LQVISPNT=	0.5300E-01	LQVISTMP=	293.1
AVIS =	-30.24	(E)	BVIS =	8000.	(E)	LVUPRBND=	303.1		LVLWRBND=	283.1	LQTHRCND= 0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=	1758.	(E)	LQHTCPTM=	293.1	AHC =	1758.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 298.1
LHCLOBND=	283.1	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.1		INTFTENS=	0.3000E-01	(E)	INTFTTMP= 293.1
SOLUBPNT=	0.1000E-01	(E)	SOLUBTMP=	293.1	A =			B =			AVP =
BVP =		CVP =		VPUPRBND=			VPLWRBND=			AVCP =	
BVCP =		CVCP =		DVCP =			VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3100E+08	(E)	HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=			BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DES CHEMNAME = 2.4-D ESTERS PATHCODE = A X Y

MOLECWT =	262.5	(E)	NBP =		NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1150.	(E)	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =		
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=		
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.3200E-03	UPTOXLIM=	0.6170E-03	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DET CHEMNAME = DIETHYLENETRIAMINE PATHCODE = A P O

MOLECWT =	103.2	NBP =	480.0	NFP =	234.0	CRITTEMP=		CRITPRES=			
DENSITY =	954.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1247.	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	283.2	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2200.	(E) LQHTCPTM=	293.0	(E) AHC =	2200.	(E) BHC =	0.0000E+00	(E) LHCUPBND=	298.0	(E	
LHCLOBND=	273.0	(E) SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.20		
BVP =	2494.	CVP =	0.4004E-01	VPUPRBND=	473.2	VPLWRBND=	283.2	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3090E+08	(E) HTDECOMP=		HTSOLUTN=	-0.3000E+05	(E	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.000	UPFLMLIM=	10.00	BURNRATE=			
TOXINHAL=	1.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DEZ CHEMNAME = DIETHYLZINC PATHCODE = A O Z

MOLECWT =	123.5	NBP =	397.0	NFP =	245.0	CRITTEMP=		CRITPRES=			
DENSITY =	1207.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1503.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	278.1	LQVISPNT=	0.6950E-03	LQVISTMP=	293.1	
AVIS =	-11.78	(E)	BVIS =	1320.	(E)	LVUPRBND=	298.1	LVLWRBND=	278.1	LQTHRCND=	0.1628	(E
LTHCNTMP=	293.1	ACON =	0.1628	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	278.1	
LQHTCPPT=	1675.	(E)	LQHTCPTM=	293.1	AHC =	1675.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.1
LHCLOBND=	278.1	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.823		
BVP =	1910.	CVP =	-0.1500	VPUPRBND=	373.1	VPLWRBND=	283.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2800E+06	HTCONSTN=	-0.2720E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DFA CHEMNAME = DIFLUOROPHOSPHORIC ACID, ANHYDROUS PATHCODE = A O

MOLECWT =	103.0	NBP =	389.0	NFP =	178.0	CRITTEMP=			CRITPRES=		
DENSITY =	1583.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1873.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPREND=	303.1	LDLWRBND=	273.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1744	(E
LTHCNTMP=	293.1	ACON =	0.1744 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=	2093. (E)	LQHTCPTM=	293.1	AHC =	2093. (E)	BHC =	0.0000E+00(E)		LHCUPBND=	298.1	
LHCLOBND=	283.1	SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	9.457	
BVP =	1732.	CVP =	-0.1500	VPUPRBND=	393.1	VPLWRBND=	323.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.3200E+06	HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DFE CHEMNAME = 1,1-DIFLUOROETHANE PATHCODE = A B C D E F G

MOLECWT =	66.05	NBP =	248.5	NFP =	156.0	CRITTEMP=	386.6	CRITPRES=	0.4500E+07		
DENSITY =	950.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =			
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=	0.3500E-03	LQVISTMP=	248.4		
AVIS =	-10.30	BVIS =	583.0	LVUPRBND=	298.1	LVLWRBND=	248.1	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=			
LHCLOBND=		SURFTENS=	0.1125E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.634		
BVP =	1150.	CVP =	-0.1500	VPUPRBND=	303.1	VPLWRBND=	248.1	AVCP =	8675.		
BVCP =	239.6	CVCP =	-0.1457	DVCP =	0.3394E-04	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3265E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.700	UPFLMLIM=	18.00	BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=	0.7000	(E) AIRFUEL =	5.196	(E) FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DFF CHEMNAME = DISTILLATE:FLASHED FEED STOCKS PATHCODE = A T U V W

MOLECWT =			NBP =	347.5	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	710.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	458.3	(E)	BRHO =	-0.9000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	353.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0	(E	
AVIS =	-11.00	(E)	BVIS =	943.0	(E)	LVUPRBND=	353.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1250	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1930	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	333.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2181.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1250.	(E)	BHC =	3.180	(E)	LHCUPBND=	303.0	(E	
LHCLOBND=	273.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.027	(E	
BVP =	1268.	(E)	CVP =	-56.10	(E)	VPUPRBND=	403.0	(E)	VPLWRBND=	253.0	(E)	AVCP =	-2973.	(E	
BVCP =	646.9	(E)	CVCP =	-0.2680	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E	
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMBTN=	-0.4354E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04	(E	
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DGD CHEMNAME = DIETHYLENE GLYCOL DIMETHYL ETHER PATHCODE = A P Q

MOLECWT =	134.2	NBP =	435.0	NFP =	203.0	CRITTEMP=		CRITPRES=					
DENSITY =	945.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1238.	BRHO =	-1.0000				
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	283.2	LQVISPNT=		LQVISTMP=					
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=					
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=					
LQHTCPPT=	2000.	(E) LQHTCPTM=	293.0	(E) AHC =	2000.	(E) BHC =	0.0000E+00(E)	LHCUPBND=	298.0	(E			
LHCLOBND=	273.0	(E) SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=					
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.34				
BVP =	2320.	CVP =	0.4004E-01	VPUPRBND=	433.2	VPLWRBND=	293.2	AVCP =					
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=					
HTFUSION=		LHTVAPOR=	0.3098E+06	HTCOMBTN=	-0.2620E+08(E)	HTDECOMP=		HTSOLUTN=					
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=					
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=					
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=					
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DGE CHEMNAME = DIETHYLENE GLYCOL MONOETHYL ETHER PATHCODE = A P Q

MOLECWT =	134.2	NBP =	475.0	NFP =	197.0	CRITTEMP=		CRITPRES=	
DENSITY =	990.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1283.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	283.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1926.	LQHTCPTM=	293.2	AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.25
BVP =	2970.	CVP =	0.4004E-01	VPUPRBND=	473.2	VPLWRBND=	283.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3559E+06	HTCOMBTN=	-0.2700E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	8.500	BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DGM CHEMNAME = DIETHYLENE GLYCOL MONOMETHYL ETHER PATHCODE = A P Q

MOLECWT =	120.2	NBP =	467.0	NFP =	188.0	CRITTEMP=		CRITPRES=			
DENSITY =	1025.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1318.	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	283.2	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2000.	(E) LQHTCPTM=	293.0	(E) AHC =	2000.	(E) BHC =	0.0000E+00	(E) LHCUPBND=	298.0	(E	
LHCLOBND=	273.0	(E) SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.04		
BVP =	2820.	CVP =	0.4004E-01	VPUPRBND=	473.2	VPLWRBND=	283.2	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.3768E+06	HTCOMBTN=	-0.2600E+08	(E) HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DHN CHEMNAME = DECAHYDRONAPHTHALENE PATHCODE = A T U

MOLECWT =	138.2	NBP =	468.0	NFP =	231.0	CRITTEMP=		CRITPRES=			
DENSITY =	890.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1125.	BRHO =	-0.8000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.1830E-02	LQVISTMP=	293.1		
AVIS =	-11.76	(E) BVIS =	1600.	(E) LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1591.	LQHTCPTM=	288.1	AHC =	384.6	(E) BHC =	4.187	(E) LHCUPBND=	298.1		
LHCLOBND=	283.1	SURFTENS=	0.3000E-01	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01	(E) INTFTTMP=	293.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.843		
BVP =	2264.	CVP =	-0.1500	VPUPRBND=	473.1	VPLWRBND=	323.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.3000E+06	HTCOMBTN=	-0.4470E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.7000	UPFLMLIM=	5.400	BURNRATE=	0.9853E-04		
TOXINHAL=	25.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DHP CHEMNAME = DIHEPTYL PHTHALATE PATHCODE = A T U X Y

MOLECWT =	362.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1000. (E)	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3920E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DIA CHEMNAME = DIISOPROPYLAMINE PATHCODE = A P Q R S

MOLECWT =	101.2	NBP =	357.1	NFP =	176.9	CRITTEMP=	522.2	CRITPRES=			
DENSITY =	717.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	922.2	BRHO =	-0.7000		
CRHO =	0.0000E+00	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.4000E-03	LQVISTMP=	293.1		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=			
LHCLOBND=		SURFTENS=	0.1964E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.05		
BVP =	1800.	CVP =	-0.1500	VPUPRBND=	358.1	VPLWRBND=	293.1	AVCP =	-9801.	(E	
BVCP =	593.8 (E)	CVCP =	-0.3277 (E)	DVCP =	0.7030E-04(E)	VHCUPBND=	550.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.2820E+06	HTCOMBTN=	-0.4600E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8000	UPFLMLIM=	7.100	BURNRATE=			
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DID CHEMNAME = DIISODECYL PHTHALATE PATHCODE = A T U

MOLECWT =	446.7	NBR =		NFP =	223.0	CRITTEMP=		CRITPRES=	
DENSITY =	967.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=	0.7900E-01	LQVISTMP=	298.1
AVIS =	-25.36	BVIS =	6800.	LVUPRBND=	298.1	LVLWRBND=	273.1	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3860E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.2700	UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DIH CHEMNAME = DIISOPROPYLBENZENE HYDROPEROXIDE PATHCODE = A T U

MOLECWT =	194.3	NBP =		NFP =	264.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	956.0	DENSTEMP=	288.1	SHPSTATE=L			ARHO =	1231.	(E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1		LQVISPNT=			LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=			LQTHRCND=			
LTHCNTMP=		ACON =		BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =			LHCUPBND=			
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=			INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =			B =			AVP =			
BVP =		CVP =		VPUPRBND=			VPLWRBND=			AVCP =			
BVCP =		CVCP =		DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCONSTN=			HTDECOMP=			HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DIK CHEMNAME = DIISOBUTYL KETONE PATHCODE = A T U

MOLECWT =	142.2	NBP =	436.0	NFP =	231.0	CRITTEMP=		CRITPRES=			
DENSITY =	806.0	DENSTEMP=	293.1	SHPSTATE=L	/	ARHO =	1275.	BRHO =	-1.600		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.9200E-03	LQVISTMP=	293.1		
AVIS =	-11.99	BVIS =	1464.	LVUPRBND=	313.1	LVLWRBND=	273.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	288.1		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=			
LHCLOBND=		SURFTENS=	0.2392E-01	SFTNTEMP=	295.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=	0.5000E-01	SOLUBTMP=	293.1	A =		B =		AVP =	10.44		
BVP =	2368.	CVP =	-0.1500	VPUPRBND=	436.1	VPLWRBND=	293.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2800E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8100	UPFLMLIM=	7.100	BURNRATE=			
TOXINHAL=	25.00	INHALCNC=	50.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DIM CHEMNAME = DIMETHYL ETHER PATHCODE = A B C K L M N

MOLECWT =	46.10	NBP =	248.5	NFP =	131.7	CRITTEMP=	400.1	CRITPRES=	0.5400E+07
DENSITY =	724.0	DENSTEMP=	248.4	SHPSTATE=L		ARHO =	1097.	BRHO =	-1.500
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	253.1	LQVISPNT=	0.2350E-03	LQVISTMP=	248.6
AVIS =	-10.74	BVIS =	592.0	LVUPRBND=	273.1	LVLWRBND=	233.1	LQTHPCND=	0.1396
LTHCNTMP=	248.6	ACON =	0.2380	BCON =	-0.4070E-03	LTCUPBND=	273.1	LTCLOBND=	233.1
LQHTCPPT=	2261.	LQHTCPTM=	248.4	AHC =	1222.	BHC =	4.187	LHCUPBND=	273.1
LHCLOBND=	243.1	SURFTENS=	0.2100E-01	SFTNTEMP=	233.1	INTFTENS=	0.1500E-01(E)	INTFTTMP=	233.1
SOLUBPNT=	7.000	SOLUBTMP=	293.1	A =		B =		AVP =	9.943
BVP =	1227.	CVP =	-0.1500	VPUPRBND=	253.1	VPLWRBND=	193.1	AVCP =	0.2581E+05
BVCP =	135.2	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4650E+06	HTCOMBTN=	-0.3130E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.000	UPFLMLIM=	50.00	BURNRATE=	0.1102E-03
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8000 (E)	AIRFUEL =	8.934 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DIP CHEMNAME = DIISOPROPANOLAMINE PATHCODE = A P O

MOLECWT =	133.2	NBP =	521.9	NFP =	315.0	CRITTEMP=	672.0	CRITPRES=	0.3600E+07
DENSITY =	990.0	DENSTEMP=	315.2	SHPSTATE=L		ARHO =	1211.	BRHO =	-0.7000
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	315.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2200. (E)	LQHTCPTM=	323.0 (E)	AHC =	2200. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	333.0 (E
LHCLOBND=	320.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	12.03
BVP =	3600.	CVP =	0.4004E-01	VPUPRBND=	473.2	VPLWRBND=	315.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=	0.1968E+06	LHTVAPOR=	0.4312E+06	HTCOMBTN=	-0.2870E+08(E)	HTDECOMP=		HTSOLUTN=	-0.3000E+05(E
HTREACTN=		HTPOLYMP=		LOFLMLIM=	1.100	UPFLMLIM=	5.400	BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DLP CHEMNAME = DALAPON PATHCODE = A P Q

MOLECWT =	143.0	NBP =	463.0	NFP =	281.0	CRITTEMP=		CRITPRES=	
DENSITY =	1390.	DENSTEMP=	296.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.31
BVP =	2918.	CVP =	0.5000E-01	VPUPRBND=	473.1	VPLWRBND=	343.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.6000E-02	UPTOXLIM=	0.8000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DMA CHEMNAME = DIMETHYLAMINE PATHCODE = A B C K L M N

MOLECWT =	45.08	NBP =	280.1	NFP =	181.0	CRITTEMP=	437.8	CRITPRES=	0.5310E+07
DENSITY =	671.0	DENSTEMP=	280.1	SHPSTATE=	L	ARHO =	1008.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	308.2	LDLWRBND=	263.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3098.	LQHTCPTM=	293.2	AHC =	2362.	BHC =	2.512	LHCUPBND=	303.2
LHCLOBND=	233.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.42
BVP =	1517.	CVP =	0.4004E-01	VPUPRBND=	303.2	VPLWRBND=	233.2	AVCP =	8499.
BVCP =	220.2	CVCP =	-0.5862E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1319E+06	LHTVAPOR=	0.5882E+06	HTCOMBTN=	-0.3910E+08	HTDECOMP=		HTSOLUTN=	-0.1197E+07
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.800	UPFLMLIM=	14.40	BURNRATE=	0.7500E-04
TOXINHAL=	10.00	INHALCNC=	20.00	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.7917	(E) AIRFUEL =	11.42	(E) FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DMD CHEMNAME = DIMETHYLDICHLOROSILANE PATHCODE = A O

MOLECWT =	129.0	NBP =	343.7	NFP =	187.0	CRITTEMP=		CRITPRES=			
DENSITY =	1070.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1363. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.8200E-03(E)	LQVISTMP=	293.1		
AVIS =	-11.61 (E)	BVIS =	1320. (E)	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1628	(E	
LTHCNTMP=	293.1	ACON =	0.1628 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	283.1		
LQHTCPPT=	1675. (E)	LQHTCPTM=	293.1	AHC =	1675. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.1		
LHCLOBND=	283.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.792		
BVP =	1645.	CVP =	-0.1500	VPUPRBND=	344.1	VPLWRBND=	283.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2400E+06	HTCOMBTN=	-0.1400E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400	UPFLMLIM=	9.500	BURNRATE=	0.5511E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DME CHEMNAME = DIETHYLENE GLYCOL MONOBUTYL ETHER PATHCODE = A P O

MOLECWT =	162.2	NBP =	504.0	NFP =	205.0	CRITTEMP=		CRITPRES=	
DENSITY =	954.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1174.	BRHO =	-0.7500
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.6300E-02	LQVISTMP=	293.1
AVIS =	-13.31	BVIS =	2417.	LVUPRBND=	343.1	LVLWRBND=	273.1	LQTHRCND=	0.1628
LTHCNTMP=	288.1	ACON =	0.1628 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=	2177.	LQHTCPTM=	293.1	AHC =	1157.	BHC =	3.475	LHCUPBND=	333.1
LHCLOBND=	273.1	SURFTENS=	0.3400E-01	SFTNTEMP=	298.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.87
BVP =	2954.	CVP =	-0.1500	VPUPRBND=	503.1	VPLWRBND=	373.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3100E+06	HTCOMBTN=	-0.3300E+08(E)	HTDECOMP=		HTSOLUTN=	-0.8400E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.5511E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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DMF CHEMNAME = DIMETHYLFORMAMIDE PATHCODE = A P O

MOLECWT =	73.09	NBP =	426.0	NFP =	212.0	CRITTEMP=		CRITPRES=	
DENSITY =	950.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1234.	BRHO =	-0.9700
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2052.	LQHTCPTM=	293.2	AHC =	1438.	BHC =	2.093	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.76
BVP =	2406.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	253.2	AVCP =	0.1876E+05
BVCP =	244.9	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.5778E+06	HTCOMBTN=	-0.2624E+08	HTDECOMP=		HTSOLUTN=	-0.1465E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.200	UPFLMLIM=	15.20	BURNRATE=	0.3667E-04
TOXINHAL=	10.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DMH CHEMNAME = 1,1-DIMETHYLHYDRAZINE PATHCODE = A P Q R S

MOLECWT =	60.11	NBP =	336.5	NFP =	216.0	CRITTEMP=	522.0	CRITPRES=	0.5964E+07		
DENSITY =	791.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1095.	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2730.	LQHTCPTM=	298.2	AHC =	1481.	BHC =	4.187	LHCUPBND=	323.2		
LHCLOBND=	283.2	SURFTENS=	0.2800E-01	SFTNTEMP=	298.2	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.30		
BVP =	1784.	CVP =	0.4004E-01	VPUPRBND=	333.2	VPLWRBND=	253.2	AVCP =	0.6300E+05(E		
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	400.0	(E)	VHCLOBND=	300.0	(E
HTFUSION=		LHTVAPOR=	0.6071E+06	HTCOMBTN=	-0.3295E+08	HTDECOMP=		HTSOLUTN=	-0.6000E+05(E		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.000	UPFLMLIM=	95.00	BURNRATE=	0.6333E-04		
TOXINHAL=	0.5000	INHALCNC=	100.0	INHALTME=	600.0	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DMP CHEMNAME = DIMETHYL POLYSILOXANE PATHCODE = A T U X Y

MOLECWT =		NBP =	422.0 (E)	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	980.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1273. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1744
LTHCNTMP=	293.1	ACON =	0.1744 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	283.1
LQHTCPPT=	1675. (E)	LQHTCPTM=	293.1	AHC =	1675. (E)	BHC =	0.0000E+00	LHCUPBND=	303.1
LHCLOBND=	283.1	SURFTENS=	0.2000E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	0.1000 (E)	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2600E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DMS CHEMNAME = DIMETHYL SULFOXIDE PATHCODE = A P O

MOLECWT =	78.13	NBP =	462.0	NFP =	291.8	CRITTEMP=		CRITPRES=	
DENSITY =	1101.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1393.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	291.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1968.	LQHTCPTM=	293.2	AHC =	1468.	BHC =	1.675	LHCUPBND=	423.2
LHCLOBND=	291.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.56
BVP =	2570.	CVP =	0.4004E-01	VPUPRBND=	413.2	VPLWRBND=	291.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=	0.1842E+06	LHTVAPOR=	0.6029E+06	HTCOMBTN=	-0.2533E+08	HTDECOMP=		HTSOLUTN=	-0.2261E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.000	UPFLMLIM=	63.00	BURNRATE=	0.3333E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DMT CHEMNAME = DIMETHYL TEREPHTHALATE PATHCODE = A T U X Y II

MOLECWT =	194.2	NBP =	555.0	NFP =	413.0	CRITTEMP=		CRITPRES=	
DENSITY =	1200.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=	0.5100E-03	LQVISTMP=	473.1
AVIS =	-12.16	BVIS =	2162.	LVUPRBND=	523.1	LVLWRBND=	423.1	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.2810E+06	HTCOMBTN=	-0.2396E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DMZ CHEMNAME = DIMETHYLZINC PATHCODE = A O Z

MOLECWT =	95.40	NBP =	318.0	NFP =	231.0	CRITTEMP=		CRITPRES=			
DENSITY =	1390.	DENSTEMP=	283.6	SHPSTATE=L		ARHO =	1683.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.8200E-03	(E)	LQVISTMP=	293.1
AVIS =	-11.61	(E)	BVIS =	1320.	(E)	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1628 (E
LTHCNTMP=	293.1	ACON =	0.1628	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	283.1
LQHTCPPT=	1926.	(E)	LQHTCPTM=	293.1	AHC =	1926.	BHC =	0.0000E+00	LHCUPBND=	303.1	
LHCLOBND=	283.1	SURFTENS=	0.1800E-01	(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.786		
BVP =	1520.	CVP =	-0.1500	VPUPRBND=	323.1	VPLWRBND=	273.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSICN=		LHTVAPOR=	0.3100E+06	(E)	HTCOMBTN=		HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S' SYSTEM OF UNITS

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DNA CHEMNAME = DI-N-PROPYLAMINE PATHCODE = A P Q T U

MOLECWT =	101.2	NBP =	382.5	NFP =	210.0	CRITTEMP=	550.0	CRITPRES=	0.3140E+07
DENSITY =	738.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	972.5	BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.5400E-03	LQVISTMP=	293.1
AVIS =	-11.50	BVIS =	1164.	LVUPRBND=	373.1	LVLWRBND=	283.1	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2512.	LQHTCPTM=	293.1	AHC =	2512.	BHC =	0.0000E+00	LHCUPBND=	313.1
LHCLOBND=	283.1	SURFTENS=	0.6580E-02	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	2.500	SOLUBTMP=	293.1	A =		B =		AVP =	9.092
BVP =	1321.	CVP =	-59.05	VPUPRBND=	333.1	VPLWRBND=	283.1	AVCP =	6460.
BVCP =	629.3	CVCP =	-0.3390	DVCP =	0.7072E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3330E+06	HTCOMBTN=	-0.4360E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.1019E-03
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DNB CHEMNAME = M-DINITROBENZENE PATHCODE = II

MOLECWT =	168.1	NBP =	564.0	NFP =	363.0	CRITTEMP=		CRITPRES=	
DENSITY =	1580.	DENSTEMP=	291.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.7500E-02	SOLUBTMP=	288.1	A =	-0.1366	B =	0.5000E-03	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1715E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1330	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DNC CHEMNAME = DINITROCRESOLS PATHCODE = II

MOLECWT =	198.0	NBP =		NFP =	356.0	(E)	CRITTEMP=		CRITPRES=		
DENSITY =	1100.	(E) DENSTEMP=	293.1	SHPSTATE=S			ARHO =		BRHO =		
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=		
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =			B =		AVP =		
BVP =		CVP =		VPUPRBND=			VPLWRBND=		AVCP =		
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=			HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=		
TOXINHAL=	0.2260E-01	INHALCNC=	0.1132	INHALTME=	1800.		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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DNP CHEMNAME = 2,4-DINITROPHENOL PATHCODE = II

MOLECWT =	184.1	NBP =		NFP =	386.0	CRITTEMP=		CRITPRES=	
DENSITY =	1680.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DNT CHEMNAME = 2,4-DINITROANILINE PATHCODE = II

MOLECWT =	183.1	NBP =		NFP =	460.0	CRITTEMP=		CRITPRES=	
DENSITY =	1615.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DOA CHEMNAME = DIOCTYL ADIPATE PATHCODE = A T U

MOLECWT =	371.0		NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	928.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1221.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	288.2		LQVISPNT=	0.1300E-01		LQVISTMP=	293.2		
AVIS =	-11.01		BVIS =	1955.		LVUPRBND=	333.2		LVLWRBND=	283.2		LQTHRCND=	0.1500		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0		(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.1500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3590E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DOD CHEMNAME = DODECENE PATHCODE = A T U

MOLECWT =	168.3		NBP =	458.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	770.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	972.0	(E)	BRHO =	-0.7300	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	373.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.1300E-02	(E)	LQVISTMP=	293.0	(E
AVIS =	-11.33	(E)	BVIS =	1374.	(E)	LVUPRBND=	373.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1500	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	273.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2400E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	10.81	(E
BVP =	2783.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	423.0	(E)	VPLWRBND=	293.0	(E)	AVCP =	0.2097E+05	(E
BVCP =	928.0	(E)	CVCP =	-0.3290	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E
HTFUSION=			LHTVAPOR=	0.2550E+06	(E)	HTCOMBTN=	-0.4400E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=	200.0		INHALCNC=			INHALTME=			LOTOXLIM=	0.1500E-01	(E)	UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DOP CHEMNAME = DIOCTYL PHTHALATE PATHCODE = A T U X Y

MOLECWT =	390.6		NBP =	659.2		NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	980.0		DENSTEMP=	298.2		SHPSTATE=L			ARHO =	1273		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0		(E
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	298.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1500		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0		(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.1500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=	0.5000E-02		SOLUBTMP=	298.2		A =			B =			AVP =	12.88		
BVP =	5013.		CVP =	-0.1599		VPUPRBND=	503.2		VPLWRBND=	443.2		AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3590E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.1500E-01	(E)	UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DOX CHEMNAME = 1,4-DIOXANE PATHCODE = A P Q

MOLECWT =	88.11	NBP =	374.5	NFP =	285.2	CRITTEMP=	587.0	CRITPRES=	0.5210E+07
DENSITY =	1036.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1387.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	288.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1691.	LQHTCPTM=	293.2	AHC =	955.0	BHC =	2.512	LHCUPBND=	453.2
LHCLOBND=	288.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.24
BVP =	1960.	CVP =	0.4004E-01	VPUPRBND=	403.2	VPLWRBND=	288.2	AVCP =	-0.1051E+05
BVCP =	373.9	CVCP =	-0.7955E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4128E+06	HTCOMBTN=	-0.2696E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.970	UPFLMLIM=	22.50	BURNRATE=	
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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DPA CHEMNAME = DIBUTYL PHTHALATE PATHCODE = A T U X Y

MOLECWT =	278.3		NBP =	608.0		NFP =	238.0		CRITTEMP=	773.0		CRITPRES=	0.1700E+07		
DENSITY =	1049.		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1295.		BRHO =	-0.8400		
CRHO =	0.0000E+00		LDUPRBND=	373.2		LDLWRBND=	273.2		LQVISPNT=	0.2000E-01		LQVISTMP=	293.2		
AVIS =	-12.52		BVIS =	2522.		LVUPRBND=	323.2		LVLWRBND=	283.2		LQTHRCND=	0.1500		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	2200.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2200.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	293.0		(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.3400E-01		SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	13.21		
BVP =	4690.		CVP =	0.4004E-01		VPUPRBND=	473.2		VPLWRBND=	373.2		AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3060E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.5000		UPFLMLIM=	2.500		BURNRATE=			
TOXINHAL=	0.4030		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DPD CHEMNAME = DIPHENYLDICHLOROSILANE PATHCODE = A O

MOLECWT =	253.0	NBP =	577.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	1220.	DENSTEMP=	298.1	SHPSTATE=	L	ARHO =	1513. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.5700E-02(E)	LQVISTMP=	293.1		
AVIS =	-18.81 (E)	BVIS =	4000. (E)	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	283.1		
LQHTCPPT=	1675. (E)	LQHTCPTM=	293.1	AHC =	1675. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.1		
LHCLOBND=	283.1	SURFTENS=	0.2600E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.57		
BVP =	3211.	CVP =	-0.1500	VPUPRBND=	577.1	VPLWRBND=	473.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2500E+06	HTCOMBTN=	-0.2600E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.4509E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DPE CHEMNAME = DIPHENYL ETHER PATHCODE = A T U X Y

MOLECWT =	170.2	NBP =	530.0	NFP =	300.0	CRITTEMP=	767.0	CRITPRES=	0.3300E+07		
DENSITY =	1070.	DENSTEMP=	300.1	SHPSTATE=L		ARHO =	1336.	BRHO =	-0.9000		
CRHO =	0.0000E+00	LDUPRBND=	308.1	LDLWRBND=	300.1	LQVISPNT=	0.3380E-02(E)	LQVISTMP=	300.1		
AVIS =	-12.11 (E)	BVIS =	1925. (E)	LVUPRBND=	353.1	LVLWRBND=	300.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	300.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	308.1	LTCLOBND=	300.1		
LQHTCPPT=	1926. (E)	LQHTCPTM=	300.1	AHC =	1926. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	308.1		
LHCLOBND=	300.1	SURFTENS=	0.4010E-01	SFTNTEMP=	293.1	INTFTENS=	0.3600E-01(E)	INTFTTMP=	293.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.09		
BVP =	2693.	CVP =	-0.1500	VPUPRBND=	531.1	VPLWRBND=	423.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.3000E+06	HTCOMBTN=	-0.3600E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8000	UPFLMLIM=	1.500	BURNRATE=	0.5344E-04		
TOXINHAL=	1.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DPG CHEMNAME = DIPROPYLENE GLYCOL PATHCODE = A P Q

MOLECWT =	134.2	NBP =	489.0	NFP =	233.0	(E) CRITTEMP=	655.0	CRITPRES=	0.3600E+07
DENSITY =	1023.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1237.	BRHO =	-0.7300
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2407.	LQHTCPTM=	293.2	AHC =	1057.	BHC =	4.605	LHCUPBND=	413.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.663
BVP =	2546.	CVP =	0.4004E-01	VPUPRBND=	423.2	VPLWRBND=	293.2	AVCP =	0.4534E+05
BVCP =	632.2	CVCP =	-0.3559	DVCP =	0.7118E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4019E+06	HTCOMBTN=	-0.2620E+08(E)	HTDECOMP=		HTSOLUTN=	-0.3000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.200	UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DPH CHEMNAME = DIETHYL PHTHALATE PATHCODE = A X Y

MOLECWT =	222.0	NBP =	571.7	NFP =	270.0	CRITTEMP=		CRITPRES=	
DENSITY =	1120.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1120.	BRHO =	0.0000E+00
CRHO =	0.0000E+00	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.1210E-01	LQVISTMP=	293.1
AVIS =	-18.83	BVIS =	4225.	LVUPRBND=	298.1	LVLWRBND=	273.1	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.3750E-01	SFTNTEMP=	293.1	INTFTENS=	0.1627E-01	INTFTTMP=	293.6
SOLUBPNT=	0.1200E-01	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2660E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.7500	UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DPM CHEMNAME = DIPHENYLMETHANEDIISOCYANATE (MDI) PATHCODE = II

MOLECWT =	250.3	NBP =	665.0	NFP =	311.0	CRITTEMP=		CRITPRES=	
DENSITY =	1200.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=	0.6600E-02	LQVISTMP=	310.9
AVIS =	-12.34	BVIS =	2276.	LVUPRBND=	373.2	LVLWRBND=	310.9	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.6000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DPN CHEMNAME = DIPENTENE PATHCODE = A T U

MOLECWT =	136.2	NBP =	451.0	NFP =	233.0	CRITTEMP=				CRITPRES=	
DENSITY =	850.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1143.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.9000E-03		LQVISTMP=	293.1
AVIS =	-14.18	(E)	BVIS =	2100.	(E)	LVUPRBND=	303.1	LVLWRBND=	273.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	283.1
LQHTCPPT=	1842.	LQHTCPTM=	293.1	AHC =	614.8	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.2600E-01	(E)	SFTNTEMP=	293.1	INTFTENS=	0.2745E-01		INTFTTMP=	306.6
SOLUBPNT=		SOLUBTMP=		A =		B =				AVP =	10.28
BVP =	2300.	CVP =	-0.1500	VPUPRBND=	303.1	VPLWRBND=	273.1			AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=				VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3200E+06	HTCOMBTN=	-0.4400E+08	(E)	HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.7000	UPFLMLIM=	6.100			BURNRATE=	0.9185E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02			UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DPO CHEMNAME = DIBENZOYL PEROXIDE PATHCODE = II

MOLECWT =	242.2	NBP =		NFP =	376.0	CRITTEMP=		CRITPRES=	
DENSITY =	1334.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	19.00 (E)	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4630	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DPP CHEMNAME = DICHLOROPROPANE PATHCODE = A X Y

MOLECWT =	102.9	NBP =	369.6	NFP =	173.0	CRITTEMP=		CRITPRES=			
DENSITY =	1158.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1562.	BRHO =	-1.400		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	293.2	LQVISPNT=	0.9900E-03	LQVISTMP=	283.2		
AVIS =	-10.96	BVIS =	1146.	LVUPRBND=	333.2	LVLWRBND=	283.2	LQTHRCND=	0.1524		
LTHCNTMP=	293.2	ACON =	0.3569	BCON =	-0.6978E-03	LTCUPBND=	333.2	LTCLOBND=	263.2		
LQHTCPPT=	1461.	LQHTCPTM=	293.2	AHC =	1093.	BHC =	1.256	LHCUPBND=	373.2		
LHCLOBND=	253.2	SURFTENS=	0.2900E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	0.2600	SOLUBTMP=	293.2	A =		B =		AVP =	9.945		
BVP =	1820.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.1968E+05		
BVCP =	304.8	CVCP =	-0.1382	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.2834E+06	HTCOMBTN=	-0.1700E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.400	UPFLMLIM=	14.50	BURNRATE=	0.5330E-04(E		
TOXINHAL=	75.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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DPR CHEMNAME = DICHLOROPROPENE PATHCODE = A X Y

MOLECWT =	111.0		NBP =	350.0		NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	1200.		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1493.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	293.0	(E	
LHCLOBND=	273.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.560	(E	
BVP =	1594.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	323.0	(E)	VPLWRBND=	273.0	(E)	AVCP =	0.1426E+05	(E	
BVCP =	267.0	(E)	CVCP =	-0.1600	(E)	DVCP =	0.3600E-04	(E)	VHCUPBND=	400.0	(E)	VHCLOBND=	270.0	(E	
HTFUSION=			LHTVAPOR=	0.2750E+06	(E)	HTCOMBTN=	-0.1600E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.5670E-04	(E	
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03		
LATETOX =			ABFLMTMP=			MOLRATIC=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DPT CHEMNAME = DICYCLOPENTADIENE PATHCODE = A T U

MOLECWT =	132.3		NBP =	443.0		NFP =	278.0		CRITTEMP=			CRITPRES=			
DENSITY =	978.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	725.8		BRHO =	-1.000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	283.2		LQVISPNT=	0.7000E-03	(E)	LQVISTMP=	298.0		(E
AVIS =	-11.70	(E)	BVIS =	1320.	(E)	LVUPRBND=	298.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500		(E
LTHCNTMP=	298.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.0	(E)	LTCLOBND=	283.0		(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	298.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0		(E
LHCLOBND=	288.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	298.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	298.0		(E
SOLUBPNT=	0.2000E-01	(E)	SOLUBTMP=	293.2		A =			B =			AVP =	9.623		(E
BVP =	2045.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	443.0	(E)	VPLWRBND=	283.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.2960E+06	(E)	HTCOMBTN=	-0.4060E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.8000		UPFLMLIM=	6.300		BURNRATE=			
TOXINHAL=	75.00	(E)	INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DSD CHEMNAME = DODECYL SULFATE, DIETHANOLAMINE SALT PATHCODE = A P

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1010.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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DSF CHEMNAME = DIMETHYL SULFATE PATHCODE = A P C X Y

MOLECWT =	126.1		NBP =	462.0		NFP =	241.4		CRITTEMP=			CRITPRES=		
DENSITY =	1330.		DENSTEMP=	288.2		SHPSTATE=L			ARHO =	1680.		BRHO =	-1.200	
CRHO =	0.0000E+00		LDUPRBND=	298.2		LDLWRBND=	273.2		LQVISPNT=	0.2732E-02		LQVISTMP=	273.2	
AVIS =	-11.51		BVIS =	1531.		LVUPRBND=	373.2		LVLWRBND=	263.2		LQTHRCND=		
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=		
LQHTCPPT=	2500.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2500.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.4010E-01		SFTNTEMP=	291.2		INTFTENS=	0.2000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=	2.800		SOLUBTMP=	290.9		A =			B =			AVP =	10.13	
BVP =	2425.		CVP =	0.4004E-01		VPUPRBND=	393.2		VPLWRBND=	263.2		AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=			HTCOMBTN=			HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=	1.000		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DSL CHEMNAME = DIMETHYL SULFIDE PATHCODE = A P Q T U V W

MOLECWT =	62.10	NBP =	310.0	NFP =	175.0	CRITTEMP=	502.0	CRITPRES=	0.5690E+07
DENSITY =	850.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1198.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	353.1	LDLWRBND=	273.1	LQVISPNT=	0.2890E-03	LQVISTMP=	293.1
AVIS =	-10.66	BVIS =	736.0	LVUPRBND=	303.1	LVLWRBND=	253.1	LQTHRCND=	0.1279
LTHCNTMP=	293.1	ACON =	0.2814	BCON =	-0.5234E-03	LTCUPBND=	313.1	LTCLOBND=	273.1
LQHTCPPT=	1867.	LQHTCPTM=	293.1	AHC =	1476.	BHC =	1.340	LHCUPBND=	353.1
LHCLOBND=	273.1	SURFTENS=	0.2650E-01	SFTNTEMP=	284.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	2.000	SOLUBTMP=	298.1	A =		B =		AVP =	9.828
BVP =	1495.	CVP =	-0.1500	VPUPRBND=	323.1	VPLWRBND=	223.1	AVCP =	0.3336E+05
BVCP =	125.6	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4520E+06	HTCOMBTN=	-0.3070E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.200	UPFLMLIM=	19.70	BURNRATE=	0.8016E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DSM CHEMNAME = DODECYL SULFATE, MAGNESIUM SALT PATHCODE = A P

MOLECWT =	555.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1040.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=	0.5000E-01	LQVISTMP=	298.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DSR CHEMNAME = DISTILLATE:STRAIGHT RUN PATHCODE = A T U V W

MOLECWT =			NBP =	347.5	(E)	NFP =			CRITTEMP=			CRITPRES=					
DENSITY =	710.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	456.3	(E)	BRHO =	-0.9000	(E			
CRHO =	0.0000E+00	(E)	LDUPRBND=	353.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0	(E			
AVIS =	-11.00	(E)	BVIS =	943.0	(E)	LVUPRBND=	353.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1250	(E			
LTHCNTMP=	293.0	(E)	ACON =	0.1930	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	333.0	(E)	LTCLOBND=	283.0	(E			
LQHTCPPT=	2181.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1250.	(E)	BHC =	3.180	(E)	LHCUPBND=	303.0	(E			
LHCLOBND=	273.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2				
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.027	(E			
BVP =	1268.	(E)	CVP =	-56.10	(E)	VPUPRBND=	403.0	(E)	VPLWRBND=	253.0	(E)	AVCP =	-2973.	(E			
BVCP =	646.9	(E)	CVCP =	-0.2680	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E			
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMBTN=	-0.4354E+08		HTDECOMP=			HTSOLUTN=					
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.100		UPFLMLIM=	8.700		BURNRATE=	0.6667E-04	(E			
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02				
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=					
MOLFRAC =																	

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DSS CHEMNAME = DIOCTYL SODIUM SULFOSUCCINATE PATHCODE = II SS

MOLECWT =	444.0	NBP =		NFP =	428.0	CRITTEMP=		CRITPRES=	
DENSITY =	1100.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	1.500	SOLUBTMP=	303.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DST CHEMNAME = DODECYL SULFATE, TRIETHANOLAMINE SALT PATHCODE = A P

MOLECWT =	415.0		NBP =		NFP =		CRITTEMP=		CRITPRES=
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DTC CHEMNAME = DODECYLTRICHLOROSILANE PATHCODE = A O

MOLECWT =	303.7	NBP =	422.0	(E)	NFP =		CRITTEMP=			CRITPRES=			
DENSITY =	1030.	DENSTEMP=	293.1		SHPSTATE=L		ARHO =	1323.	(E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1		LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=		
AVIS =			BVIS =			LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1		LTCLOBND=	283.1
LQHTCPPT=	1884.	(E)	LQHTCPTM=	293.1		AHC =	656.7	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1
LHCLOBND=	283.1		SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =	
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCONSTN=	-0.2600E+08	(E)	HTDECOMP=			HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DTH CHEMNAME = DOWTHERM PATHCODE = A T U X Y

MOLECWT =	166.0	NBP =	530.0	NFP =	285.0	CRITTEMP=	773.0	CRITPRES=	0.3100E+07		
DENSITY =	1060.	DENSTEMP=	294.2	SHPSTATE=L		ARHO =	1295.	BRHO =	-0.8000		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	285.2	LQVISPNT=	0.3240E-02	LQVISTMP=	298.2		
AVIS =	-11.60	BVIS =	1749.	LVUPRBND=	373.2	LVLWRBND=	293.2	LQTHRCND=	0.1407		
LTHCNTMP=	293.2	ACON =	0.1748	BCON =	-0.1163E-03	LTCUPBND=	473.2	LTCLOBND=	288.2		
LQHTCPPT=	1574.	LQHTCPTM=	293.2	AHC =	753.6	BHC =	2.805	LHCUPBND=	403.2		
LHCLOBND=	285.2	SURFTENS=	0.4010E-01	SFTNTEMP=	293.2	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	0.1380E-02	SOLUBTMP=	288.7	A =		B =		AVP =	10.90		
BVP =	3073.	CVP =	0.4004E-01	VPUPRBND=	473.2	VPLWRBND=	323.2	AVCP =	0.5778E+05		
BVCP =	452.2	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	300.0		
HTFUSION=	0.9797E+05	LHTVAPOR=		HTCOMBTN=	-0.3256E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.5000	UPFLMLIM=	6.200	BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DTM CHEMNAME = 4,4P-DICHLORO-ALPHA-TRICHLORO-METHYLBEN- PATHCODE = II

MOLECWT =	470.5		NBP =	412.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=	7.000	BURNRATE=	0.9686E-04
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DTN CHEMNAME = DEMETON PATHCODE = A X Y

MOLECWT =	258.0	NBP =	413.0	(E)	NFP =		CRITTEMP=			CRITPRES=	
DENSITY =	1100.	DENSTEMP=	293.1		SHPSTATE=L		ARHO =	1373.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1		LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=	
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=			LQTHRCND=	
LTHCNTMP=		ACON =			BCON =		LTCUPBND=			LTCLOBND=	
LQHTCPPT=		LQHTCPTM=			AHC =		BHC =			LHCUPBND=	
LHCLOBND=		SURFTENS=			SFTNTEMP=		INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =		B =			AVP =	
BVP =		CVP =			VPUPRBND=		VPLWRBND=			AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=	1.000	UPFLMLIM=	5.300		BURNRATE=	0.9686E-04
TOXINHAL=	0.8700E-02	INHALCNC=	0.4300E-01		INHALTME=	1800.	LOTOXLIM=			UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DTS CHEMNAME = DEXTROSE SOLUTION PATHCODE = A P

MOLECWT =			NBP =	373.0	(E)	NFP =	273.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	1000.	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1200.	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	300.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.1900E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-10.71	(E)	BVIS =	1300.	(E)	LVUPRBND=	300.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.3300	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.3300	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	300.0	(E)	LTCLOBND=	280.0	(E	
LQHTCPPT=	3500.	(E)	LQHTCPTM=	293.0	(E)	AHC =	3500.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0	(E	
LHCLOBND=	273.0	(E)	SURFTENS=	0.6000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=			INTFTTMP=			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=			HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DTT CHEMNAME = 2.4-DINITROTOLUENE PATHCODE = A X Y II

MOLECWT =	182.1	NBP =		NFP =	343.0	CRITTEMP=		CRITPRES=	
DENSITY =	1320.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2700E-01	SOLUBTMP=	295.1	A =	-0.5002E-01	B =	0.2600E-03	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3900E+06	HTCOMBTN=	-0.1930E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1850	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DZN CHEMNAME = DIAZINON PATHCODE = A X Y

MOLECWT =	304.4	NBP =		NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	1117.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =	1410.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.3200E-02(E)		LQVISTMP=	293.1	
AVIS =	-12.91	(E) BVIS =	2100.	(E) LVUPRBND=	298.1	LVLWRBND=	283.1		LQTHRCND=	0.1512	(E
LTHCNTMP=	288.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=	1675.	(E) LQHTCPTM=	288.1	AHC =	1675.	(E) BHC =	0.0000E+00(E)		LHCUPBND=	298.1	
LHCLOBND=	283.1	SURFTENS=	0.3500E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.4000E-01(E)		INTFTTMP=	293.1	
SOLUBPNT=	0.4000E-02	SOLUBTMP=	293.1	A =		B =			AVP =	12.18	
BVP =	4075.	CVP =	-0.1500	VPUPRBND=	353.1	VPLWRBND=	283.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2700E+08(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	0.6680E-04	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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DZP CHEMNAME = DI-(P-CHLOROBENZOYL) PEROXIDE PATHCODE = II

MOLECWT =	311.1		NBP =		NFP =		CRITTEMP=		CRITPRES=
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.2100E+08(E)	HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EAA CHEMNAME = ETHYL ACETOACETATE PATHCODE = A P Q

MOLECWT =	130.1	NBP =	457.0	NFP =	193.0	(E)	CRITTEMP=		CRITPRES=		
DENSITY =	1028.	DENSTEMP=	293.1	SHPSTATE=L			ARHO =	1321.	BRHO =	-1.000	
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1		LQVISPNT=	0.1710E-02	LQVISTMP=	293.1	
AVIS =	-20.01	(E) BVIS =	4000.	(E) LVUPRBND=	298.1		LVLWRBND=	273.1	LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	278.1	
LQHTCPPT=	1926.	LQHTCPTM=	298.1	AHC =	428.0		BHC =	5.024	LHCUPBND=	323.1	
LHCLOBND=	273.1	SURFTENS=	0.3250E-01	SFTNTEMP=	293.1		INTFTENS=	0.3500E-01	(E) INTFTTMP=	293.1	
SOLUBPNT=	13.00	SOLUBTMP=	290.1	A =			B =		AVP =	9.675	
BVP =	2134.	CVP =	-0.1500	VPUPRBND=	458.1		VPLWRBND=	323.1	AVCP =		
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.3800E+06	HTCOMBTN=	-0.2173E+08		HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400		UPFLMLIM=	9.500	BURNRATE=	0.4008E-04	
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EAC CHEMNAME = ETHYL ACRYLATE PATHCODE = A P O T U Z

MOLECWT =	100.1	NBP =	372.8	NFP =	201.0	CRITTEMP=	552.0	CRITPRES=	0.3700E+07		
DENSITY =	923.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1246.	BRHO =	-1.100		
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=	0.5800E-03	LQVISTMP=	293.2		
AVIS =	-11.29	BVIS =	1121.	LVUPRBND=	313.2	LVLWRBND=	273.2	LQTHRCND=	0.1663		
LTHCNTMP=	293.2	ACON =	0.3027	BCON =	-0.4652E-03	LTCUPBND=	373.2	LTCLOBND=	253.2		
LQHTCPPT=	1892.	LQHTCPTM=	293.2	AHC =	1156.	BHC =	2.512	LHCUPBND=	333.2		
LHCLOBND=	273.2	SURFTENS=	0.2500E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	2.000	SOLUBTMP=	293.2	A =		B =		AVP =	10.50		
BVP =	2032.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.1683E+05		
BVCP =	368.4	CVCP =	-0.1382	DVCP =	-0.5862E-05	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3471E+06	HTCOMBTN=	-0.2763E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=	-0.7787E+06	LOFLMLIM=	1.800	UPFLMLIM=	9.500	BURNRATE=	0.7167E-04		
TOXINHAL=	25.00	INHALCNC=	50.00	INHALTME=	900.0	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EAD CHEMNAME = ETHYLALUMINUM DICHLORIDE PATHCODE = A O Z

MOLECWT =	130.0	NBP =	467.0	NFP =	305.0	CRITTEMP=		CRITPRES=					
DENSITY =	1227.	DENSTEMP=	308.1	SHPSTATE=L		ARHO =	1690.	BRHO =	-1.500				
CRHO =	0.0000E+00	LDUPRBND=	353.1	LDLWRBND=	308.1	LQVISPNT=		LQVISTMP=					
AVIS =	-11.72	BVIS =	1700.	LVUPRBND=	353.1	LVLWRBND=	308.1	LQTHRCND=	0.1512	(E			
LTHCNTMP=	308.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	318.1	LTCLOBND=	308.1		
LQHTCPPT=	1926.	(E)	LQHTCPTM=	308.1	AHC =	1926.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	318.1	
LHCLOBND=	308.1	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	308.1	INTFTENS=		INTFTTMP=				
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.39				
BVP =	2520.	CVP =	-0.1500	VPUPRBND=	453.1	VPLWRBND=	323.1	AVCP =					
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=					
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1300E+08	(E)	HTDECOMP=		HTSOLUTN=				
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=					
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=					
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=					
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EAI CHEMNAME = 2-ETHYLHEXYL ACRYLATE,INHIBITED PATHCODE = A T U Z

MOLECWT =	184.2	NBP =	487.0	NFP =	183.0	CRITTEMP=		CRITPRES=			
DENSITY =	885.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1149.	BRHO =	-0.9000		
CRHO =	0.0000E+00	LDUPRBND=	323.1	LDLWRBND=	263.1	LQVISPNT=	0.1800E-02	LQVISTMP=	293.1		
AVIS =	-12.75	BVIS =	1885.	LVUPRBND=	323.1	LVLWRBND=	263.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	278.1		
LQHTCPPT=	1758.	LQHTCPTM=	293.1	AHC =	531.1	BHC =	4.187	LHCUPBND=	323.1		
LHCLOBND=	273.1	SURFTENS=	0.2600E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1		
SOLUBPNT=	0.3400	SOLUBTMP=	293.1	A =		B =		AVP =	10.49		
BVP =	2672.	CVP =	-0.1500	VPUPRBND=	513.1	VPLWRBND=	303.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2600E+06	HTCOMBTN=	-0.3600E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=	-0.3300E+06	LOFLMLIM=	0.8000	UPFLMLIM=	6.400	BURNRATE=	0.7682E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EAL CHEMNAME = ETHYL ALCOHOL PATHCODE = A P Q R S

MOLECWT =	46.07	NBP =	351.5	NFP =	159.0	CRITTEMP=	516.3	CRITPRES=	0.6380E+07
DENSITY =	790.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1038.	BRHO =	-0.8500
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2428.	LQHTCPTM=	293.2	AHC =	-390.5	BHC =	9.630	LHCUPBND=	323.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.34
BVP =	1652.	CVP =	-42.16	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.2123E+05
BVCP =	205.2	CVCP =	-0.9630E-01	DVCP =	0.1800E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1080E+06	LHTVAPOR=	0.8374E+06	HTCOMSTN=	-0.2690E+08	HTDECOMP=		HTSOLUTN=	-0.2303E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.300	UPFLMLIM=	19.00	BURNRATE=	0.6500E-04
TOXINHAL=	1000.	INHALCNC=	5000.	INHALTME=	900.0	LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EAM CHEMNAME = ETHYLAMINE PATHCODE = A B C K L M N

MOLECWT =	45.10	NBP =	289.7	NFP =	192.0	CRITTEMP=	456.0	CRITPRES=	0.5700E+07
DENSITY =	687.0	DENSTEMP=	288.1	SHPSTATE=L		ARHO =	1033.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	353.1	LDLWRBND=	253.1	LQVISPNT=	0.2500E-03	LQVISTMP=	288.1
AVIS =	-11.17	BVIS =	829.0	LVUPRBND=	333.1	LVLWRBND=	253.1	LQTHRCND=	0.1628
LTHCNTMP=	288.1	ACON =	0.3651	BCON =	-0.6978E-03	LTCUPBND=	323.1	LTCLOBND=	253.1
LQHTCPPT=	2855.	LQHTCPTM=	288.1	AHC =	1526.	BHC =	4.605	LHCUPBND=	323.1
LHCLOBND=	253.1	SURFTENS=	0.2050E-01	SFTNTEMP=	288.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	17.13
BVP =	3514.	CVP =	-0.1500	VPUPRBND=	303.1	VPLWRBND=	243.1	AVCP =	0.3257E+05
BVCP =	157.4	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.6110E+06	HTCOMBTN=	-0.3760E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.500	UPFLMLIM=	14.00	BURNRATE=	0.8350E-04
TOXINHAL=	10.00	INHALCNC=	25.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=	0.7917 (E)	AIRFUEL =	11.41 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EAS CHEMNAME = ETHYLALUMINUM SESQUICHLORIDE PATHCODE = A O Z

MOLECWT =	247.5	NBP =	477.0	NFP =	253.0	CRITTEMP=		CRITPRES=						
DENSITY =	1092.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1479.	BRHO =	-1.300					
CRHO =	0.0000E+00	LDUPRBND=	363.1	LDLWRBND=	273.1	LQVISPNT=	0.1850E-02	LQVISTMP=	298.1					
AVIS =	-11.73	BVIS =	1620.	LVUPRBND=	343.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E				
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	283.1			
LQHTCPPT=	1926.	(E)	LQHTCPTM=	293.1	AHC =	698.6	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1		
LHCLOBND=	273.1	SURFTENS=	0.3200E-01	(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=					
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.00					
BVP =	2397.	CVP =	-0.1500	VPUPRBND=	453.1	VPLWRBND=	323.1	AVCP =						
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=						
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2000E+08	(E)	HTDECOMP=		HTSOLUTN=					
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=						
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=						
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=						
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EBR CHEMNAME = ETHYL BUTYRATE PATHCODE = A T U

MOLECWT =	116.2	NBP =	394.0	NFP =	180.0	CRITTEMP=	566.0	CRITPRES=	0.3100E+07
DENSITY =	879.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1154.	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.6670E-03	LQVISTMP=	293.1
AVIS =	-11.17	BVIS =	1130.	LVUPRBND=	323.1	LVLWRBND=	283.1	LQTHRCND=	0.1651
LTHCNTMP=	297.1	ACON =	0.1651	BCON =	0.0000E+00	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=	1926.	LQHTCPTM=	293.1	AHC =	1926. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1
LHCLOBND=	283.1	SURFTENS=	0.2450E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6800	SOLUBTMP=	298.1	A =		B =		AVP =	9.073
BVP =	1358.	CVP =	-60.15	VPUPRBND=	435.1	VPLWRBND=	285.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3000E+06	HTCOMBTN=	-0.3060E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.7882E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EBT CHEMNAME = ETHYL BUTANOL PATHCODE = A T U

MOLECWT =	102.2		NBP =	419.0		NFP =	159.0		CRITTEMP=			CRITPRES=			
DENSITY =	834.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1127.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.7500E-03	(E)	LQVISTMP=	293.0		(E
AVIS =	-11.70	(E)	BVIS =	1320.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1600		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1600	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0		(E
LQHTCPPT=	2260.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2260.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0		(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2430E-01		SFTNTEMP=	298.2		INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=	0.4300		SOLUBTMP=	293.2		A =			B =			AVP =	11.71		
BVP =	2810.		CVP =	0.4004E-01		VPUPRBND=	423.2		VPLWRBND=	288.2		AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.4559E+06		HTCOMBTN=	-0.3870E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.900		UPFLMLIM=	8.800		BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ECA CHEMNAME = ETHYL CHLOROACETATE PATHCODE = A X Y

MOLECWT =	122.6	NBP =	416.0	NFP =	247.0	CRITTEMP=		CRITPRES=			
DENSITY =	1150.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	2469.	BRHO =	-4.500		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-02(E)	LQVISTMP=	293.1		
AVIS =	-12.91 (E)	BVIS =	2100. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	283.1		
LQHTCPPT=	1717. (E)	LQHTCPTM=	293.1	AHC =	489.2 (E)	BHC =	4.187 (E)	LHCUPBND=	313.1		
LHCLOBND=	273.1	SURFTENS=	0.2600E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.2400E-01(E)	INTFTTMP=	293.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.53		
BVP =	2300.	CVP =	-0.1500	VPUPRBND=	423.1	VPLWRBND=	308.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.3600E+06	HTCOMBSTN=	-0.1680E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.3841E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ECF CHEMNAME = ETHYL CHLOROFORMATE PATHCODE = A O X Y

MOLECWT =	108.5	NBP =	367.0	NFP =	192.0	CRITTEMP=		CRITPRES=	
DENSITY =	1135.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1633.	BRHO =	-1.700
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-02(E)	LQVISTMP=	293.1
AVIS =	-12.91 (E)	BVIS =	2100. (E)	LVUPRBND=	298.1	LVLWRBND=	278.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	278.1
LQHTCPPT=	1758. (E)	LQHTCPTM=	293.1	AHC =	531.1 (E)	BHC =	4.187 (E)	LHCUPBND=	298.1
LHCLOBND=	278.1	SURFTENS=	0.2750E-01	SFTNTEMP=	288.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	13.94
BVP =	3280.	CVP =	-0.1500	VPUPRBND=	373.1	VPLWRBND=	283.1	AVCP =	0.2849E+05(E
BVCP =	233.1 (E)	CVCP =	-0.1191 (E)	DVCP =	0.5543E-04(E)	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3300E+06(E)	HTCOMBTN=	-0.1600E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.4342E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ECH CHEMNAME = ETHYLENE CHLOROHYDRIN PATHCODE = A P Q

MOLECWT =	80.51	NBP =	401.9	NFP =	210.6	CRITTEMP=		CRITPRES=			
DENSITY =	1197.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1519.	BRHO =	-1.100		
CRHO =	0.0000E+00	LDUPRBND=	323.1	LDLWRBND=	273.1	LQVISPNT=	0.3910E-02	LQVISTMP=	288.1		
AVIS =	-13.11	BVIS =	2180.	LVUPRBND=	308.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	293.1	LTCLOBND=	283.1		
LQHTCPPT=	1926.	(E) LQHTCPTM=	293.1	AHC =	698.6	(E) BHC =	4.187	(E) LHCUPBND=	298.1		
LHCLOBND=	278.1	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.88		
BVP =	2360.	CVP =	-0.1500	VPUPRBND=	403.1	VPLWRBND=	283.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.5150E+06	HTCOMBTN=	-0.1508E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	4.900	UPFLMLIM=	15.90	BURNRATE=	0.2839E-04		
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ECL CHEMNAME = ETHYL CHLORIDE PATHCODE = A B C D E F G

MOLECWT =	64.52	NBP =	285.4	NFP =	137.0	CRITTEMP=	460.4	CRITPRES=	0.5227E+07		
DENSITY =	906.0	DENSTEMP=	285.4	SHPSTATE=L		ARHO =	1362.	BRHO =	-1.600		
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	285.4	LQVISPNT=	0.3000E-03	LQVISTMP=	285.4		
AVIS =	-10.49	BVIS =	677.0	LVUPRBND=	303.2	LVLWRBND=	263.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1742.	LQHTCPTM=	293.2	AHC =	-1204.	BHC =	10.05	LHCUPBND=	323.2		
LHCLOBND=	243.2	SURFTENS=	0.1950E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	273.0	(E	
SOLUBPNT=	0.6000	SOLUBTMP=	293.2	A =		B =		AVP =	9.816		
BVP =	1375.	CVP =	0.4004E-01	VPUPRBND=	303.2	VPLWRBND=	233.2	AVCP =	9127.		
BVCP =	204.3	CVCP =	-0.8374E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3793E+06	HTCOMBTN=	-0.1884E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.600	UPFLMLIM=	12.00	BURNRATE=	0.6333E-04		
TOXINHAL=	1000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8000	(E) AIRFUEL =	6.383	(E) FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ECS CHEMNAME = ETHYLDICHLOROSILANE PATHCODE = A O

MOLECWT =	129.1	NBP =	347.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	1095.	DENSTEMP=	298.1	SHPSTATE=	L	ARHO =	1393. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.5700E-02(E)	LQVISTMP=	293.1		
AVIS =	-18.81 (E)	BVIS =	4000. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1628	(E	
LTHCNTMP=	293.1	ACON =	0.1628 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	283.1		
LQHTCPPT=	1926. (E)	LQHTCPTM=	293.1	AHC =	698.6 (E)	BHC =	4.187 (E)	LHCUPBND=	303.1		
LHCLOBND=	283.1	SURFTENS=	0.3000E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.752		
BVP =	1648.	CVP =	-0.1500	VPUPRBND=	353.1	VPLWRBND=	283.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2600E+06(E)	HTCOMBTN=	-0.1500E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.900	UPFLMLIM=		BURNRATE=	0.5344E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EDA CHEMNAME = ETHYLENEDIAMINE PATHCODE = A P Q

MOLECWT =	60.10	NBP =	390.0	NFP =	284.2	CRITTEMP=	593.0	CRITPRES=	0.6400E+07
DENSITY =	909.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1208.	BRHO =	-1.020
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	284.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2901.	LQHTCPTM=	293.2	AHC =	1920.	BHC =	3.349	LHCUPBND=	393.2
LHCLOBND=	284.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.251
BVP =	1350.	CVP =	-72.16	VPUPRBND=	423.2	VPLWRBND=	288.2	AVCP =	0.3827E+05
BVCP =	238.6	CVCP =	-0.4187E-01	DVCP =	-0.3936E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.6699E+06	HTCOMBTN=	-0.2860E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	5.800	UPFLMLIM=	11.10	BURNRATE=	0.3667E-04
TOXINHAL=	10.00	INHALCNC=	20.00	INHALTME=	300.0	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EDB CHEMNAME = ETHYLENE DIBROMIDE PATHCODE = A X

MOLECWT =	187.9	NBP =	404.0	NFP =	283.0	CRITTEMP=		CRITPRES=	
DENSITY =	2180.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2277.	BRHO =	-0.2000
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	283.2	LQVISPNT=	0.1700E-02	LQVISTMP=	293.2
AVIS =	-10.63	BVIS =	1248.	LVUPRBND=	373.2	LVLWRBND=	283.2	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	724.3	LQHTCPTM=	293.2	AHC =	601.6	BHC =	0.4187	LHCUPBND=	373.2
LHCLOBND=	283.2	SURFTENS=	0.3875E-01	SFTNTEMP=	293.2	INTFTENS=	0.3654E-01	INTFTTMP=	293.2
SOLUBPNT=	0.2700	SOLUBTMP=	298.2	A =		B =		AVP =	9.917
BVP =	1989.	CVP =	0.4004E-01	VPUPRBND=	423.2	VPLWRBND=	283.2	AVCP =	0.3287E+05
BVCP =	201.8	CVCP =	-0.8792E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.1909E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3580	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EDC CHEMNAME = ETHYLENE DICHLORIDE PATHCODE = A X Y

MOLECWT =	98.96	NBP =	356.7	NFP =	237.5	CRITTEMP=	561.0	CRITPRES=	0.5100E+07
DENSITY =	1253.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1603.	BRHO =	-0.9219
CRHO =	-0.9300E-03	LDUPRBND=	353.2	LDLWRBND=	273.2	LQVISPNT=	0.8600E-03	LQVISTMP=	293.2
AVIS =	-10.85	BVIS =	1110.	LVUPRBND=	353.2	LVLWRBND=	273.2	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1256.	LQHTCPTM=	293.2	AHC =	680.8	BHC =	1.968	LHCUPBND=	353.2
LHCLOBND=	253.2	SURFTENS=	0.3220E-01	SFTNTEMP=	293.2	INTFTENS=	0.3000E-01(E)	INTFTTMP=	298.0 (E
SOLUBPNT=	0.8000	SOLUBTMP=	293.2	A =		B =		AVP =	10.25
BVP =	1859.	CVP =	0.4004E-01	VPUPRBND=	313.2	VPLWRBND=	263.2	AVCP =	0.3433E+05
BVCP =	169.6	CVCP =	-0.6280E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3199E+06	HTCOMBTN=	-0.8000E+07(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	6.200	UPFLMLIM=	15.60	BURNRATE=	0.2500E-04(E
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EDR CHEMNAME = ENDRIN PATHCODE = II

MOLECWT =	380.9	NBP =		NFP =	573.0	CRITTEMP=		CRITPRES=	
DENSITY =	1650.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1600E-04	SOLUBTMP=	296.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=	7.000	BURNRATE=	0.6680E-04
TOXINHAL=	0.5900E-02	INHALCNC=	0.2900E-01	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EDT CHEMNAME = ETHYLENEDIAMINE TETRACETIC ACID PATHCODE = II

MOLECWT =	164.0		NBP =		NFP =		CRITTEMP=		CRITPRES=
DENSITY =	860.0		DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=	0.5000	(E)	SOLUBTMP=	298.2	A =		B =		AVP =
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM= 0.1500E-01
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

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CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
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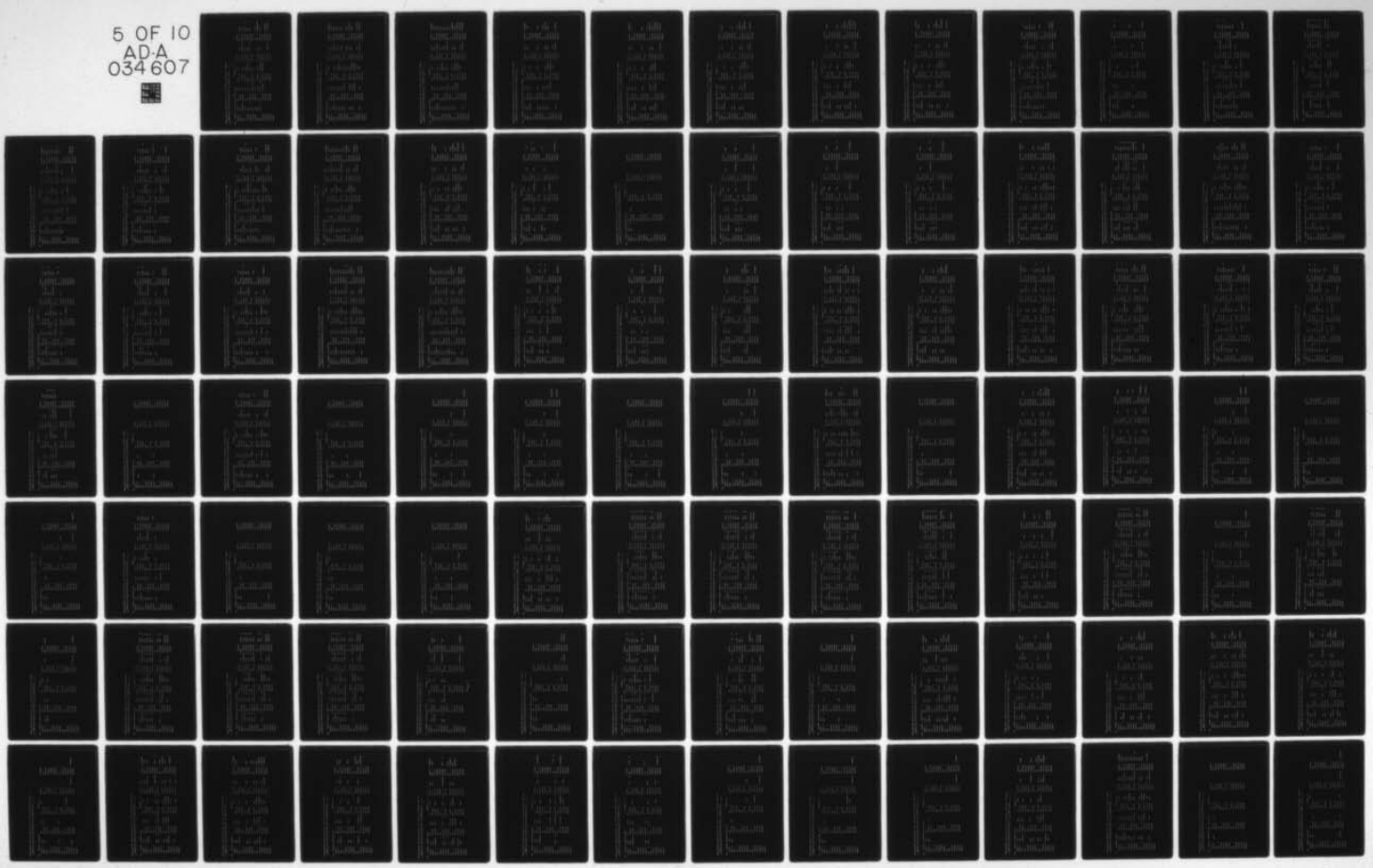

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EEE CHEMNAME = ETHYLENE GLYCOL DIETHYL ETHER PATHCODE = A P Q T U

MOLECWT =	118.2	NBP =	395.0	NFP =	199.0	CRITTEMP=				CRITPRES=	
DENSITY =	848.4	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1054.			BRHO =	-0.7000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.8200E-03	(E)		LQVISTMP=	293.1
AVIS =	-11.61	BVIS =	1320.	LVUPRBND=	298.1	LVLWRBND=	283.1			LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	303.1			LTCLOBND=	283.1
LQHTCPPT=	1758.	(E) LQHTCPTM=	293.1	AHC =	531.1	(E) BHC =	4.187	(E)		LHCUPBND=	303.1
LHCLOBND=	283.1	SURFTENS=	0.2600E-01	(E) SFTNTEMP=	293.1	INTFTENS=				INTFTTMP=	
SOLUBPNT=	2.700	SOLUBTMP=	293.1	A =		B =				AVP =	12.01
BVP =	2768.	CVP =	-0.1500	VPUPRBND=	398.1	VPLWRBND=	373.1			AVCP =	0.3554E+05 (E
BVCP =	536.4	(E) CVCP =	-0.2338	(E) DVCP =	0.3014E-04	(E) VHCUPBND=	500.0			VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4480E+06	HTCOMBTN=	-0.3400E+08	(E) HTDECOMP=				HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=				BURNRATE=	0.6847E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03			UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EET CHEMNAME = ETHYL ETHER PATHCODE = A P Q R S

MOLECWT =	74.12	NBP =	307.8	NFP =	156.9	CRITTEMP=	466.7	CRITPRES=	0.3640E+07
DENSITY =	714.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1001.	BRHO =	-0.8378
CRHO =	-0.4800E-03	LDUPRBND=	313.2	LDLWRBND=	193.2	LQVISPNT=	0.2330E-03	LQVISTMP=	293.2
AVIS =	-11.02	BVIS =	778.0	LVUPRBND=	313.2	LVLWRBND=	233.2	LQTHRCND=	0.1256
LTHCNTMP=	293.2	ACON =	0.2077	BCON =	-0.2791E-03	LTCUPBND=	313.2	LTCLOBND=	213.2
LQHTCPPT=	2345.	LQHTCPTM=	293.2	AHC =	118.5	BHC =	7.536	LHCUPBND=	353.2
LHCLOBND=	273.2	SURFTENS=	0.1700E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	89.58	B =	0.2800	AVP =	10.08
BVP =	1558.	CVP =	0.4004E-01	VPUPRBND=	333.2	VPLWRBND=	213.2	AVCP =	0.3128E+05
BVCP =	288.3	CVCP =	-0.5233E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSICN=		LHTVAPOR=	0.3555E+06	HTCOMBTN=	-0.3384E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.850	UPFLMLIM=	36.50	BURNRATE=	0.1117E-03
TOXINHAL=	400.0	INHALCNC=	1000.	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EFM CHEMNAME = ETHYL FORMATE PATHCODE = A P Q R S

MOLECWT =	74.10	NBP =	327.4	NFP =	194.0	CRITTEMP=	508.0	CRITPRES=	0.4730E+07
DENSITY =	922.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1332.	BRHO =	-1.400
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	253.1	LQVISPNT=	0.4000E-03	LQVISTMP=	293.1
AVIS =	-11.02	BVIS =	933.0	LVUPRBND=	373.1	LVLWRBND=	253.1	LQTHRCND=	0.1512
LTHCNTMP=	293.1	ACON =	0.3240	BCON =	-0.5815E-03	LTCUPBND=	333.1	LTCLOBND=	273.1
LQHTCPPT=	1918.	LQHTCPTM=	293.1	AHC =	1304.	BHC =	2.093	LHCUPBND=	373.1
LHCLOBND=	253.1	SURFTENS=	0.2400E-01	SFTNTEMP=	293.1	INTFTENS=	0.2800E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	9.100	SOLUBTMP=	295.1	A =		B =		AVP =	10.03
BVP =	1646.	CVP =	-0.1500	VPUPRBND=	333.1	VPLWRBND=	253.1	AVCP =	0.4036E+05
BVCP =	170.4	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4100E+06	HTCOMBTN=	-0.2200E+08	HTDECOMP=		HTSOLUTN=	-0.1200E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.800	UPFLMLIM=	16.00	BURNRATE=	0.6012E-04
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EGA CHEMNAME = ETHYLENE GLYCOL MONOETHYL ETHER ACETATE PATHCODE = A P Q

MOLECWT =	132.2	NBP =	429.0	NFP =	211.5	CRITTEMP=	607.0	CRITPRES=	0.3000E+07
DENSITY =	974.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1285.	BRHO =	-1.060
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2068.	LQHTCPTM=	293.2	AHC =	840.9	BHC =	4.187	LHCUPBND=	313.2
LHCLOBND=	263.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	23.00	SOLUBTMP=	298.2	A =		B =		AVP =	9.265
BVP =	1492.	CVP =	-79.16	VPUPRBND=	423.2	VPLWRBND=	288.2	AVCP =	0.3341E+05
BVCP =	494.0	CVCP =	-0.1758	DVCP =	-0.7955E-05	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3098E+06	HTCOMBTN=	-0.2500E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.700	UPFLMLIM=	6.700	BURNRATE=	
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EGD CHEMNAME = ETHYLENE GLYCOL DIMETHYL ETHER PATHCODE = A P Q R S

MOLECWT =	90.12	NBP =	358.4	NFP =	204.0	CRITTEMP=	536.0	CRITPRES=	0.3870E+07
DENSITY =	868.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1193.	BRHO =	-1.110
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1918.	LQHTCPTM=	293.2	AHC =	690.2	BHC =	4.187	LHCUPBND=	303.2
LHCLOBND=	263.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.11
BVP =	1838.	CVP =	0.4004E-01	VPUPRBND=	333.2	VPLWRBND=	253.2	AVCP =	0.3224E+05
BVCP =	356.7	CVCP =	-0.1336	DVCP =	0.8374E-05	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1394E+06	LHTVAPOR=	0.3123E+06	HTCOMBTN=	-0.2797E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.8167E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EGE CHEMNAME = ETHYLENE GLYCOL MONOETHYL ETHER PATHCODE = A P Q

MOLECWT =	90.12	NBP =	408.3	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	931.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1216.	BRHO =	-0.9700
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2428.	LQHTCPTM=	293.2	AHC =	1201.	BHC =	4.187	LHCUPBND=	313.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.277
BVP =	1408.	CVP =	-79.16	VPUPRBND=	423.2	VPLWRBND=	288.2	AVCP =	0.4668E+05
BVCP =	352.1	CVCP =	-0.1507	DVCP =	0.1926E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4438E+06	HTCOMBTN=	-0.3100E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	14.00	BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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EGL CHEMNAME = ETHYLENE GLYCOL PATHCODE = A P Q

MOLECWT =	62.07	NBP =	470.8	NFP =	260.0	CRITTEMP=		CRITPRES=	
DENSITY =	1115.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1073.	BRHO =	0.9597
CRHO =	-0.2800E-02	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2378.	LQHTCPTM=	293.2	AHC =	905.2	BHC =	5.024	LHCUPBND=	423.2
LHCLOBND=	253.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	12.09
BVP =	3280.	CVP =	0.4004E-01	VPUPRBND=	423.2	VPLWRBND=	283.2	AVCP =	0.3140E+05
BVCP =	266.7	CVCP =	-0.1549	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1871E+06	LHTVAPOR=	0.7997E+06	HTCOMBTN=	-0.1689E+08	HTDECOMP=		HTSOLUTN=	-0.5000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.200	UPFLMLIM=		BURNRATE=	0.1667E-04
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EGM CHEMNAME = ETHYLENE GLYCOL MONOBUTYL ETHER PATHCODE = A P Q

MOLECWT =	118.2	NBP =	444.4	NFP =	198.0	CRITTEMP=	641.0	CRITPRES=	0.3200E+07
DENSITY =	902.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1169.	BRHO =	-0.9100
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1968.	LQHTCPTM=	293.2	AHC =	740.4	BHC =	4.187	LHCUPBND=	303.2
LHCLOBND=	263.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.02
BVP =	2674.	CVP =	0.4004E-01	VPUPRBND=	453.2	VPLWRBND=	288.2	AVCP =	0.4999E+05
BVCP =	531.7	CVCP =	-0.2512	DVCP =	0.4103E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3647E+06	HTCOMBTN=	-0.3160E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=	10.60	BURNRATE=	
TOXINHAL=	50.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EGY CHEMNAME = ETHYLENE GLYCOL DIACETATE PATHCODE = A P Q

MOLECWT =	146.1		NBP =	464.1		NFP =	231.7		CRITTEMP=			CRITPRES=			
DENSITY =	1104.		DENSTEMP=	293.1		SHPSTATE=L			ARHO =	1426.		BRHO =	-1.100		
CRHO =	0.0000E+00		LDUPRBND=	323.1		LDLWRBND=	273.1		LQVISPNT=	0.2900E-02		LQVISTMP=	293.1		
AVIS =	-13.01	(E)	BVIS =	2100.	(E)	LVUPRBND=	303.1		LVLWRBND=	273.1		LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1		LTCLOBND=	278.1		
LQHTCPPT=	2010.	(E)	LQHTCPTM=	293.1		AHC =	782.3	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1		
LHCLOBND=	283.1		SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.1		INTFTENS=			INTFTTMP=			
SOLUBPNT=	16.40		SOLUBTMP=	293.1		A =			B =			AVP =	10.84		
BVP =	2709.		CVP =	0.1500		VPUPRBND=	463.1		VPLWRBND=	343.1		AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.3100E+06		HTCOMBTN=	-0.2500E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.600		UPFLMLIM=	8.400		BURNRATE=	0.4843E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EHA CHEMNAME = ETHYLHEXALDEHYDE PATHCODE = A T U

MOLECWT =	128.2	NBP =	437.0	NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	820.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1095.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	10.25	
BVP =	2294.	CVP =	-0.1500	VPUPRBND=	438.1	VPLWRBND=	293.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4100E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EHP CHEMNAME = ETHOXYDIHYDROPYRAN PATHCODE = A T U

MOLECWT =	128.2	NBP =	416.0	NFP =	173.0	CRITTEMP=				CRITPRES=	
DENSITY =	875.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1168.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.5710E-02(E)		LQVISTMP=	293.1	
AVIS =	-18.81 (E)	BVIS =	4000. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1		LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	293.1		LTCLOBND=	283.1	
LQHTCPPT=	'1926. (E)	LQHTCPTM=	293.1	AHC =	698.6 (E)	BHC =	4.187	(E)	LHCUPBND=	303.1	
LHCLOBND=	273.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)		INTFTTMP=	293.1	
SOLUBPNT=	0.1000E-01(E)	SOLUBTMP=	293.1	A =		B =			AVP =	16.56	
BVP =	4810.	CVP =	-0.1500	VPUPRBND=	689.1	VPLWRBND=	573.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.2900E+06(E)	HTCOMBTN=	-0.3300E+08(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	0.8016E-04	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EHT CHEMNAME = ETHYL HEXYL TALLATE PATHCODE = A T U X Y

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =		DENSTEMP=		SHPSTATE=		ARHO =	950.0 (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	323.0 (E)	LDLWRBND=	278.0 (E)	LQVISPNT=	0.5800E-02(E)	LQVISTMP=	293.0 (E
AVIS =	-18.80 (E)	BVIS =	4000. (E)	LVUPRBND=	313.0 (E)	LVLWRBND=	283.0 (E)	LQTHRCND=	0.1500 (E
LTHCNTMP=	293.0 (E)	ACON =	0.1500 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	313.0 (E)	LTCLOBND=	283.0 (E
LQHTCPPT=	2000. (E)	LQHTCPTM=	293.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	323.0 (E
LHCLOBND=	283.0 (E)	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.0 (E)	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	0.1650E+06(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	400.0 (E)	VHCLOBND=	300.0 (E
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4000E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EHX CHEMNAME = 2-ETHYL HEXANOL PATHCODE = A T U

MOLECWT =	130.2	NBP =	457.9	NFP =	343.0	(E)	CRITTEMP=	650.0	CRITPRES=	0.3530E+07	
DENSITY =	834.0	DENSTEMP=	293.2	SHPSTATE=L			ARHO =	1074.	BRHO =	-0.8200	
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	273.2		LQVISPNT=	0.9800E-02	LQVISTMP=	293.2	
AVIS =	-16.30	BVIS =	3423.	LVUPRBND=	303.2		LVLWRBND=	283.2	LQTHRCND=	0.1337	
LTHCNTMP=	303.2	ACON =	0.1337	BCON =	0.0000E+00		LTCUPBND=	303.2	LTCLOBND=	273.2	
LQHTCPPT=	2345.	LQHTCPTM=	293.2	AHC =	-609.5		BHC =	10.05	LHCUPBND=	343.2	
LHCLOBND=	273.2	SURFTENS=	0.2760E-01	SFTNTEMP=	293.2		INTFTENS=	0.4000E-01	(E) INTFTTMP=	353.0	(E
SOLUBPNT=	0.7000E-01	SOLUBTMP=	293.2	A =			B =		AVP =	11.78	
BVP =	3050.	CVP =	0.4004E-01	VPUPRBND=	423.2		VPLWRBND=	283.2	AVCP =		
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.3885E+06	HTCOMBTN=	-0.4065E+08		HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=	0.6667E-04	
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ELT CHEMNAME = ETHYL LACTATE PATHCODE = A P Q

MOLECWT =	118.1		NBP =	427.0		NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	1030.		DENSTEMP=	293.1		SHPSTATE=L			ARHO =	1352.		BRHO =	-1.100		
CRHO =	0.0000E+00		LDUPRBND=	343.1		LDLWRBND=	273.1		LQVISPNT=	0.5700E-02	(E)	LQVISTMP=	293.1		
AVIS =	-18.81	(E)	BVIS =	4000.	(E)	LVUPRBND=	298.1		LVLWRBND=	283.1		LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1		LTCLOBND=	283.1		
LQHTCPPT=	1884.	(E)	LQHTCPTM=	293.1		AHC =	656.7	(E)	BHC =	4.187	(E)	LHCUPBND=	313.1		
LHCLOBND=	283.1		SURFTENS=	0.2920E-01		SFTNTEMP=	293.1		INTFTENS=			INTFTTMP=			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.995	(E	
BVP =	2130.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	433.1		VPLWRBND=	403.1		AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.2700E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.500		UPFLMLIM=	11.40		BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EMA CHEMNAME = ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE PATHCODE = A P Q T U

MOLECWT =	160.2	NBP =	465.4	NFP =	209.7	CRITTEMP=		CRITPRES=			
DENSITY =	942.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1235.	BRHO =	-1.000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.1800E-02	LQVISTMP=	293.1		
AVIS =	-11.78	(E) BVIS =	1600.	(E) LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	303.1	LTCLOBND=	283.1		
LQHTCPPT=	1884.	(E) LQHTCPTM=	293.1	AHC =	656.7	(E) BHC =	4.187	(E) LHCUPBND=	303.1		
LHCLOBND=	283.1	SURFTENS=	0.2600E-01	(E) SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=	1.760	SOLUBTMP=	293.1	A =	-3.517	B =	0.1800E-01	AVP =	11.66		
BVP =	3100.	CVP =	-0.1500	VPUPRBND=	473.1	VPLWRBND=	353.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2700E+06	HTCOMBTN=	-0.3200E+08	(E) HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.9000	UPFLMLIM=	8.500	BURNRATE=	0.6847E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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EMC CHEMNAME = ETHYL MERCAPTAN PATHCODE = A P Q T U V W

MOLECWT =	62.10	NBP =	307.6	NFP =	126.0	CRITTEMP=	499.0	CRITPRES=	0.5500E+07
DENSITY =	826.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1178.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	253.1	LQVISPNT=	0.2200E-03	LQVISTMP=	293.1
AVIS =	-10.15	BVIS =	510.0	LVUPRBND=	313.1	LVLWRBND=	233.1	LQTHRCND=	0.1326
LTHCNTMP=	293.1	ACON =	0.2999	BCON =	-0.5699E-03	LTCUPBND=	323.1	LTCLOBND=	263.1
LQHTCPPT=	1901.	LQHTCPTM=	293.1	AHC =	1433.	BHC =	1.591	LHCUPBND=	373.1
LHCLOBND=	253.1	SURFTENS=	0.2350E-01	SFTNTEMP=	293.1	INTFTENS=	0.2500E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	1.500	SOLUBTMP=	293.1	A =		B =		AVP =	9.755
BVP =	1461.	CVP =	-0.1500	VPUPRBND=	313.1	VPLWRBND=	263.1	AVCP =	0.3352E+05
BVCP =	134.4	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4390E+06	HTCOMBTN=	-0.3500E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.800	UPFLMLIM=	18.00	BURNRATE=	0.9519E-04
TOXINHAL=	0.5000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EME CHEMNAME = ETHYLENE GLYCOL MONOMETHYL ETHER PATHCODE = A P Q

MOLECWT =	76.10	NBP =	397.7	NFP =	188.1	CRITTEMP=	565.0	CRITPRES=	0.5100E+07
DENSITY =	966.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1245.	BRHO =	-0.9500
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2386.	LQHTCPTM=	293.2	AHC =	1159.	BHC =	4.187	LHCUPBND=	313.2
LHCLOBND=	273.2	SURFTENS=	0.3300E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.286
BVP =	1363.	CVP =	-79.16	VPUPRBND=	423.2	VPLWRBND=	288.2	AVCP =	0.4505E+05
BVCP =	262.5	CVCP =	-0.1001	DVCP =	0.8374E-05	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.5192E+06	HTCOMBTN=	-0.2300E+08(E)	HTDECOMP=		HTSOLUTN=	-0.1500E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.500	UPFLMLIM=	19.80	BURNRATE=	
TOXINHAL=	25.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ENB CHEMNAME = ETHYLIDENENORBORNENE PATHCODE = A T U

MOLECWT =	120.2	NBP =	420.8	NFP =	193.0	CRITTEMP=		CRITPRES=			
DENSITY =	896.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1189.	BRHO =	[illegible].000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	283.1		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=			
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=	0.1000E-01	SOLUBTMP=	293.1	A =		B =		AVP =	10.18		
BVP =	2178.	CVP =	-0.1500	VPUPRBND=	423.1	VPLWRBND=	283.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4370E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S: SYSTEM OF UNITS

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ENP CHEMNAME = ETHOXYLATED NONYLPHENOL PATHCODE = A P

MOLECWT =	500.0 (E)	NBP =	NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1030. (E)	DENSTEMP= 298.1	SHPSTATE=L	ARHO =	BRHO =
CRHO =		LDUPRBND=	LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =	LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =	BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=	AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=	SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=	A =	B =	AVP =
BVP =		CVP =	VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =	DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=	HTCOMSTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=	LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=	INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=	MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =					

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EOD CHEMNAME = ETHOXYLATED DODECANOL PATHCODE = A P Q

MOLECWT =	500.0	NBP =		NFP =	289.0	CRITTEMP=		CRITPRES=			
DENSITY =	1020.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1303.	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	289.2	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2000.	(E) LQHTCPTM=	293.0	(E) AHC =	2000.	(E) BHC =	0.0000E+00(E)	LHCUPBND=	303.0	(E	
LHCLOBND=	293.0	(E) SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=	10.00	SOLUBTMP=	293.2	A =		B =		AVP =			
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2600E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EOP CHEMNAME = ETHOXYLATED PENTADECANOL PATHCODE = A P Q

MOLECWT =	660.0	NBP =		NFP =	288.0	CRITTEMP=		CRITPRES=	
DENSITY =	1007.	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	1293.	BRHO =	-1 0000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	288.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2000. (E)	LQHTCPTM=	293.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.0 (E
LHCLOBND=	293.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	10.00 (E)	SOLUBTMP=	293.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2600E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S SYSTEM OF UNITS

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EOT CHEMNAME = ETHOXYLATED TETRADECANOL PATHCODE = A P Q

MOLECWT =	660.0	NBP =		NFP =	288.0	CRITTEMP=		CRITPRES=	
DENSITY =	1007.	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	1293.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	288.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2000. (E)	LQHTCPTM=	293.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.0 (E
LHCLOBND=	293.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	10.00 (E)	SOLUBTMP=	293.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2600E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EOX CHEMNAME = ETHYLENE OXIDE PATHCODE = A B C K L M N

MOLECWT =	44.05	NBP =	283.8	NFP =	160.6	CRITTEMP=	469.0	CRITPRES=	0.7200E+07
DENSITY =	869.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1243.	BRHO =	-1.186
CRHO =	-0.3000E-03	LDUPRBND=	293.2	LDLWRBND=	223.2	LCVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1972.	LQHTCPTM=	283.2	AHC =	1489.	BHC =	1.675	LHCUPBND=	303.2
LHCLOBND=	213.2	SURFTENS=	0.2430E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.797
BVP =	1359.	CVP =	0.4004E-01	VPUPRBND=	313.2	VPLWRBND=	233.2	AVCP =	-293.1
BVCP =	179.8	CVCP =	-0.5652E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1172E+06	LHTVAPOR=	0.5799E+06	HTCOMBTN=	-0.2671E+08	HTDECOMP=		HTSOLUTN=	-0.1424E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.000	UPFLMLIM=	100.0	BURNRATE=	0.5833E-04
TOXINHAL=	50.00	INHALCNC=	200.0	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8750 (E)	AIRFUEL =	7.790 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EPA CHEMNAME = 2-ETHYL-3-PROPYLACROLEIN PATHCODE = A T U

MOLECWT =	126.2		NBP =	448.0		NFP =			CRITTEMP=			CRITPRES=		
DENSITY =	857.0		DENSTEMP=	288.2		SHPSTATE=L			ARHO =	598.8		BRHO =	-1.000	
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.1280E-02		LQVISTMP=	293.2	
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1600	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1600	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	283.0	(E
LQHTCPPT=	2200.	(E)	LQHTCPTM=	298.0	(E)	AHC =	2200	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.2820E-01		SFTNTEMP=	293.2		INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	10.30	(E
BVP =	2370.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =	0.1600E+06	(E
BVCP =	0.0000E+00	(E)	CVCP =	0.0000E+00	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	400.0	(E)	VHCLOBND=	300.0	(E
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3800E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EPC CHEMNAME = EPICHLOROHYDRIN PATHCODE = A P Q

MOLECWT =	92.53	NBP =	388.4	NFP =	215.1	CRITTEMP=		CRITPRES=	
DENSITY =	1180.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1526.	BRHO =	-1.113
CRHO =	-0.2500E-03	LDUPRBND=	388.2	LDLWRBND=	273.2	LQVISPNT=	0.1030E-02	LQVISTMP=	298.2
AVIS =	-11.41	BVIS =	1353.	LVUPRBND=	313.3	LVLWRBND=	273.2	LQTHRCND=	0.7211E-01
LTHCNTMP=	293.2	ACON =	0.3801E-01	BCON =	0.1163E-03	LTCUPBND=	373.2	LTCLOBND=	253.2
LQHTCPPT=	1415.	LQHTCPTM=	293.2	AHC =	310.5	BHC =	3.768	LHCUPBND=	333.2
LHCLOBND=	263.2	SURFTENS=	0.3700E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=	6.000	SOLUBTMP=	298.2	A =		B =		AVP =	10.68
BVP =	2184.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	263.2	AVCP =	-0.2901E+05
BVCP =	386.9	CVCP =	-0.2470	DVCP =	-0.5024E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4099E+06	HTCOMBTN=	-0.1894E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.800	UPFLMLIM=	21.00	BURNRATE=	0.4333E-04
TOXINHAL=	5.000	INHALCNC=	10.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EPD CHEMNAME = ETHYL PHOSPHONOTHIOIC DICHLORIDE, ANHYD- PATHCODE = A O

MOLECWT =	163.0	NBP =	445.0	NFP =	223.0	(E)	CRITTEMP=		CRITPRES=		
DENSITY =	1350.	DENSTEMP=	293.1	SHPSTATE=L			ARHO =	4282.	BRHO =	-10.00	
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	283.1		LQVISPNT=	0.5700E-02	(E) LQVISTMP=	293.1	
AVIS =	-18.81	(E) BVIS =	4000.	(E) LVUPRBND=	298.1		LVLWRBND=	283.1	LQTHRCND=	0.1628	(E
LTHCNTMP=	293.1	ACON =	0.1628	(E) BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	283.1	
LQHTCPPT=	2093.	(E) LQHTCPTM=	293.1	AHC =	2093.	(E)	BHC =	0.0000E+00	(E) LHCUPBND=	298.1	
LHCLOBND=	283.1	SURFTENS=	0.2800E-01	(E) SFTNTEMP=	293.1		INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =			B =		AVP =	11.36	
BVP =	3222.	CVP =	60.85	VPUPRBND=	353.1		VPLWRBND=	283.1	AVCP =		
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1300E+08	(E)	HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EPP CHEMNAME = ETHYL PHOSPHORODICHLORIDATE PATHCODE = A O

MOLECWT =	162.9	NBP =	440.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	1350.	DENSTEMP=	292.1	SHPSTATE=L		ARHO =	1823. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.5700E-02(E)	LQVISTMP=	293.1		
AVIS =	-18.81 (E)	BVIS =	4000. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1628	(E	
LTHCNTMP=	293.1	ACON =	0.1628 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	2093. (E)	LQHTCPTM=	293.1	AHC =	2093. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1		
LHCLOBND=	283.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.23	(E	
BVP =	2300. (E)	CVP =	-0.1500 (E)	VPUPRBND=	453.1	VPLWRBND=	413.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1100E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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EPS CHEMNAME = ETHYL PHENYLDICHLOROSILANE PATHCODE = A O

MOLECWT =	205.1	NBP =	422.0	(E)	NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1159.	DENSTEMP=	288.1		SHPSTATE=L		ARHO =	1447.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1		LDLWRBND=	283.1	LQVISPNT=	0.5700E-02	(E)	LQVISTMP= 293.1
AVIS =	-18.81	(E)	BVIS =	4000.	(E)	LVUPRBND=	298.1	LVLWRBND=	288.1		LQTHRCND= 0.1396 (E
LTHCNTMP=	293.1		ACON =	0.1396	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND= 283.1
LQHTCPPT=	1675.	(E)	LQHTCPTM=	293.1		AHC =	1675.	(E)	BHC =	0.0000E+00	(E) LHCUPBND= 303.1
LHCLOBND=	288.1		SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=			A =			B =		AVP = 10.12
BVP =	2561.		CVP =	-0.1500		VPUPRBND=	473.1		VPLWRBND=	323.1	AVCP =
BVCP =			CVCP =			DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=	0.2400E+06		HTCOMBTN=	-0.2300E+08	(E)	HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=		BURNRATE= 0.6179E-04
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04	UPTOXLIM= 0.5000E-03
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ESC CHEMNAME = ETHYL SILICATE PATHCODE = A O T U X Y

MOLECWT =	208.3	NBP =	442.0	NFP =	187.7	CRITTEMP=		CRITPRES=			
DENSITY =	933.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1226.	BRHO =	-1.000		
CRHO =	0.0000E+00	LDUPRBND=	343.1	LDLWRBND=	273.1	LQVISPNT=	0.7000E-03	LQVISTMP=	293.1		
AVIS =	-10.81	BVIS =	1040.	LVUPRBND=	343.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1800.	LQHTCPTM=	293.1	AHC =	1800.	BHC =	0.0000E+00	LHCUPBND=	313.1		
LHCLOBND=	283.1	SURFTENS=	0.2280E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.08		
BVP =	2242.	CVP =	-0.1500	VPUPRBND=	443.1	VPLWRBND=	283.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2200E+06	HTCOMBTN=	-0.2800E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.300	UPFLMLIM=	23.00	BURNRATE=	0.7348E-04		
TOXINHAL=	100.0	INHALCNC=	200.0	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETA CHEMNAME = ETHYL ACETATE PATHCODE = A P Q

MOLECWT =	88.11	NBP =	350.0	NFP =	190.0	CRITTEMP=	523.0	CRITPRES=	0.3800E+07		
DENSITY =	902.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1104.	BRHO =	-0.1074		
CRHO =	-0.2000E-02	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=	0.4400E-03	LQVISTMP=	294.2		
AVIS =	-11.17	BVIS =	1014.	LVUPRBND=	343.2	LVLWRBND=	273.2	LQTHRCND=	0.1465		
LTHCNTMP=	293.2	ACON =	0.2350	BCON =	-0.3024E-03	LTCUPBND=	333.2	LTCLOBND=	273.2		
LQHTCPPT=	1934.	LQHTCPTM=	293.2	AHC =	1198.	BHC =	2.512	LHCUPBND=	333.2		
LHCLOBND=	263.2	SURFTENS=	0.2400E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	8.700	SOLUBTMP=	293.2	A =		B =		AVP =	10.36		
BVP =	1873.	CVP =	0.4004E-01	VPUPRBND=	353.2	VPLWRBND=	293.2	AVCP =	0.5024E+05		
BVCP =	196.4	CVCP =	0.5443E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3668E+06	HTCOMBTN=	-0.2351E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.200	UPFLMLIM=	9.000	BURNRATE=	0.6167E-04		
TOXINHAL=	400.0	INHALCNC=	1000.	INHALTME=	900.0	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETB CHEMNAME = ETHYLBENZENE PATHCODE = A T U

MOLECWT =	106.2	NBP =	409.4	NFP =	178.0	CRITTEMP=	617.1	CRITPRES=	0.3606E+07
DENSITY =	867.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1131.	BRHO =	-0.9000
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.6780E-03	LQVISTMP=	293.2
AVIS =	-10.98	BVIS =	1080.	LVUPRBND=	373.2	LVLWRBND=	273.2	LQTHRCND=	0.1337
LTHCNTMP=	293.2	ACON =	0.2222	BCON =	-0.3024E-03	LTCUPBND=	373.2	LTCLOBND=	273.2
LQHTCPPT=	1712.	LQHTCPTM=	293.2	AHC =	1172.	BHC =	1.842	LHCUPBND=	373.2
LHCLOBND=	273.2	SURFTENS=	0.2920E-01	SFTNTEMP=	293.2	INTFTENS=	0.3548E-01	INTFTTMP=	293.2
SOLUBPNT=	0.2000E-01	SOLUBTMP=	293.2	A =		B =		AVP =	9.082
BVP =	1424.	CVP =	-59.96	VPUPRBND=	473.2	VPLWRBND=	293.2	AVCP =	-0.2290E+05
BVCP =	581.1	CVCP =	-0.2470	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	25.00
HTFUSION=		LHTVAPOR=	0.3354E+06	HTCOMBTN=	-0.4135E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.000	UPFLMLIM=	6.700	BURNRATE=	0.9667E-04
TOXINHAL=	100.0	INHALCNC=	200.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETC CHEMNAME = ETHYLENE CYANOHYDRIN PATHCODE = A P Q

MOLECWT =	71.08	NBP =	502.9	NFP =	227.0	CRITTEMP=	702.0	CRITPRES=	0.4900E+07		
DENSITY =	1047.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1323.	BRHO =	-0.9400		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2400.	(E) LQHTCPTM=	298.0	(E) AHC =	2400.	(E) BHC =	0.0000E+00	(E) LHCUPBND=	323.0	(E	
LHCLOBND=	283.0	(E) SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.97	(E	
BVP =	3000.	(E) CVP =	0.0000E+00	(E) VPUPRBND=	500.0	(E) VPLWRBND=	300.0	(E) AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2340E+08	(E) HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.300	UPFLMLIM=	12.10	BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETD CHEMNAME = ETHOXYLATED TRIDECANOL PATHCODE = A P Q

MOLECWT =	464.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1000.	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	1293.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	288.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2000. (E)	LQHTCPTM=	293.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.0 (E
LHCLOBND=	293.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	10.00 (E)	SOLUBTMP=	293.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2600E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETG CHEMNAME = ETHOXY TRIGLYCOL PATHCODE = A P O

MOLECWT =	178.0	NBP =	529.0	NFP =	254.5	CRITTEMP=		CRITPRES=	
DENSITY =	1020.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1313.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.378
BVP =	1836.	CVP =	-109.2	VPUPRBND=	573.2	VPLWRBND=	323.2	AVCP =	0.1670E+06(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	400.0 (E)	VHCLOBND=	300.C (E
HTFUSICN=		LHTVAPOR=	0.2900E+06(E)	HTCOMSTN=	-0.2580E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETH CHEMNAME = ETHANE PATHCODE = A B C D E F G

MOLECWT =	30.07	NBP =	184.6	NFP =	89.90	CRITTEMP=	305.5	CRITPRES=	0.4879E+07		
DENSITY =	546.0	DENSTEMP=	184.6	SHPSTATE=L		ARHO =	784.1	BRHO =	-1.300		
CRHO =	0.0000E+00	LDUPRBND=	253.2	LDLWRBND=	173.2	LQVISPNT=	0.1700E-03	LQVISTMP=	185.2		
AVIS =	-11.73	BVIS =	564.0	LVUPRBND=	253.2	LVLWRBND=	183.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2470.	LQHTCPTM=	193.2	AHC =	2066.	BHC =	2.093	LHCUPBND=	203.2		
LHCLOBND=	93.16	SURFTENS=	0.1600E-01	SFTNTEMP=	185.2	INTFTENS=	0.4500E-01(E)	INTFTTMP=	185.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.336		
BVP =	800.0	CVP =	0.4004E-01	VPUPRBND=	223.2	VPLWRBND=	163.2	AVCP =	0.1884E+05		
BVCP =	112.6	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	300.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4899E+06	HTCOMBTN=	-0.4720E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.900	UPFLMLIM=	13.00	BURNRATE=	0.1217E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=	2394.	(E) MOLRATIO=	0.9000	(E) AIRFUEL =	15.98	(E) FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETI CHEMNAME = ETHYLENEIMINE PATHCODE = A P Q R S Z

MOLECWT =	43.07	NBP =	329.0	NFP =	195.0	CRITTEMP=		CRITPRES=	
DENSITY =	832.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1096.	BRHO =	-0.9000
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	253.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2479.	LQHTCPTM=	293.2	AHC =	1128.	BHC =	4.605	LHCUPBND=	373.2
LHCLOBND=	263.2	SURFTENS=	0.3450E 01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.257
BVP =	1134.	CVP =	-63.16	VPUPRBND=	373.2	VPLWRBND=	243.2	AVCP =	-0.1269E+05
BVCP =	250.8	CVCP =	-0.1068	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.7746E+06	HTCOMBTN=	-0.3705E+08	HTDECOMP=		HTSOLUTN=	-0.6000E+05(E
HTREACTN=		HTPOLYMR=	-0.2000E+07(E)	LOFLMLIM=	3.300	UPFLMLIM=	54.80	BURNRATE=	
TOXINHAL=		INHALCNC=	5.000	INHALTME=	1800.	LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETL CHEMNAME = ETHYLENE PATHCODE = A B C D E F G

MOLECWT =	28.05	NBP =	169.5	NFP =	104.1	CRITTEMP=	283.1	CRITPRES=	0.5110E+07		
DENSITY =	569.0	DENSTEMP=	169.4	SHPSTATE=L		ARHO =	843.1	BRHO =	-1.600		
CRHO =	0.0000E+00	LDUPRBND=	243.2	LDLWRBND=	163.2	LQVISPNT=	0.1800E-03	LQVISTMP=	169.4		
AVIS =	-11.43	BVIS =	477.0	LVUPRBND=	243.2	LVLWRBND=	163.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2667.	LQHTCPTM=	169.2	EHC =	1818.	EHC =	5.024	LHCUPBND=	213.2		
LHCLOBND=	133.2	SURFTENS=	0.1600E-01	SFTNTEMP=	169.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	169.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.872		
BVP =	585.0	CVP =	-18.16	VPUPRBND=	203.2	VPLWRBND=	113.2	AVCP =	9127.		
BVCP =	126.4	CVCP =	-0.3768E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4832E+06	HTCOMBTN=	-0.4719E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.750	UPFLMLIM=	28.60	BURNRATE=	0.1233E-03		
TOXINHAL=	1000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=	2600. (E)	MOLRATIO=	1.000 (E)	AIRFUEL =	14.68 (E)	FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETM CHEMNAME = ETHYL METHACRYLATE PATHCODE = A T U Z

MOLECWT =	114.0	NBP =	390.0	NFP =	223.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	918.0	DENSTEMP=	288.7	SHPSTATE=L			ARHO =	1207.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	278.1	LQVISPNT=	0.8700E-03		LQVISTMP=	298.1
AVIS =	-11.41	(E)	BVIS =	1300.	(E)	LVUPRBND=	303.1	LVLWRBND=	288.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	283.1
LQHTCPPT=	1884.	LQHTCPTM=	293.1	AHC =	1884.	BHC =	0.0000E+00			LHCUPBND=	303.1
LHCLOBND=	288.1	SURFTENS=		SFTNTEMP=		INTFTENS=				INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =				AVP =	10.15
BVP =	2008.	CVP =	-0.1500	VPUPRBND=	393.1	VPLWRBND=	288.1			AVCP =	0.1645E+05
BVCP =	476.6	CVCP =	-0.2101	DVCP =	0.1256E-04	VHCUPBND=	250.0			VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3100E+06	(E)	HTCOMBTN=	-0.2940E+08	HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=	-0.5060E+06	LOFLMLIM=	1.800	UPFLMLIM=				BURNRATE=	0.7615E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02			UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETN CHEMNAME = ETHYL NITRITE PATHCODE = A B C D E F G

MOLECWT =	75.10	NBP =	290.0	NFP =	223.0	CRITTEMP=				CRITPRES=	
DENSITY =	900.0	DENSTEMP=	288.1	SHPSTATE=	L	ARHO =	1188.			BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-02	(E)		LQVISTMP=	293.1
AVIS =	-12.91	(E)	BVIS =	2100.	(E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1628 (E
LTHCNTMP=	288.1	ACON =	0.1628	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.1	LTCLOBND=	283.1
LQHTCPPT=	2093.	(E)	LQHTCPTM=	283.1	AHC =	907.9	(E)	BHC =	4.187	(E)	LHCUPBND= 298.1
LHCLOBND=	283.1	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01	(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =				AVP =	12.17
BVP =	2080.	CVP =	-0.1500	VPUPRBND=	293.1	VPLWRBND=	273.1			AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=				VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.5320E+06	HTCOMBTN=	-0.1800E+08	(E)	HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.000	UPFLMLIM=	50.00	(E)		BURNRATE=	0.4342E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=				UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.6500	(E)	AIRFUEL =	4.113	(E)	FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ETS CHEMNAME = ETHYLTRICHLOROSILANE PATHCODE = A O

MOLECWT =	163.5	NBP =	372.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	1240.	DENSTEMP=	298.1	SHPSTATE=	L	ARHO =	1533. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-02(E)	LQVISTMP=	293.1		
AVIS =	-12.91 (E)	BVIS =	2100. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1279	(E	
LTHCNTMP=	293.1	ACON =	0.1279 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	278.1		
LQHTCPPT=	1675. (E)	LQHTCPTM=	293.1	AHC =	1675. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1		
LHCLOBND=	278.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.56		
BVP =	2066.	CVP =	-0.1500	VPUPRBND=	378.1	VPLWRBND=	293.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2400E+06	HTCOMBTN=	-0.1000E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.3340E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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EVO CHEMNAME = EPOXIDIZED VEGETABLE OILS PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=		
DENSITY =	1000.		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1293.		BRHO =	-1.0000	
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.5180		LQVISTMP=	293.2	
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1600	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1600	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0	(E
LHCLOBND=	278.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =		
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3000E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.1500E-01	(E)	UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FAC CHEMNAME = FERRIC AMMONIUM CITRATE PATHCODE = SS

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1800.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	25.00	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FAL CHEMNAME = FURFURYL ALCOHOL PATHCODE = A P O

MOLECWT =	98.10	NBP =	443.0	NFP =	258.0	CRITTEMP=		CRITPRES=	
DENSITY =	1130.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1423.	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.4550E-02	LQVISTMP=	298.1
AVIS =	-18.81	BVIS =	4000.	LVUPRBND=	313.1	LVLWRBND=	273.1	LQTHRCND=	0.1744
LTHCNTMP=	303.1	ACON =	0.1744 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	273.1
LQHTCPPT=	2093.	LQHTCPTM=	298.1	AHC =	595.4	BHC =	5.024	LHCUPBND=	308.1
LHCLOBND=	273.1	SURFTENS=	0.3800E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.30
BVP =	2792.	CVP =	-0.1500	VPUPRBND=	443.1	VPLWRBND=	298.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.5400E+06	HTCOMBTN=	-0.2600E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	16.30	BURNRATE=	0.3841E-04
TOXINHAL=	5.000	INHALCNC=	50.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FAO CHEMNAME = FERRIC AMMONIUM OXALATE PATHCODE = SS

MOLECWT =	428.0	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1780.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	100.0	SOLUBTMP=	298.1	A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.5200E-01	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FAS CHEMNAME = FERROUS AMMONIUM SULFATE PATHCODE = SS

MOLECWT =	392.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1860.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	26.40	SOLUBTMP=	293.1	A =	-178.7	B =	0.7000	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5700E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FCL CHEMNAME = FERRIC CHLORIDE PATHCODE = SS

MOLECWT =	162.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2800.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	74.40	SOLUBTMP=	273.1	A =	-220.6	B =	1.080	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.8400E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1380	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FCP CHEMNAME = FERRIC GLYCEROPHOSPHATE PATHCODE = SS

MOLECWT =	470.0 (E)	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1500.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	50.00	SOLUBTMP=	293.1	A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.4800E-01(E)	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FEC CHEMNAME = FERROUS CHLORIDE PATHCODE = SS

MOLECWT =	198.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1930.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	62.60	SOLUBTMP=	293.1	A =	-127.8	B =	0.6500	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.4200E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1130	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FFA CHEMNAME = FURFURAL PATHCODE = A P Q

MOLECWT =	96.08	NBP =	434.9	NFP =	236.7	CRITTEMP=	670.0	CRITPRES=	0.5500E+07
DENSITY =	1159.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1471.	BRHO =	-1.060
CRHO =	0.0000E+00	LDUPRBND=	343.2	LDLWRBND=	273.2	LQVISPNT=	0.1490E-02	LQVISTMP=	298.2
AVIS =	-12.08	BVIS =	1660.	LVUPRBND=	308.2	LVLWRBND=	273.2	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1578.	LQHTCPTM=	293.2	AHC =	1126.	BHC =	1.549	LHCUPBND=	393.2
LHCLOBND=	263.2	SURFTENS=	0.4350E-01	SFTNTEMP=	293.2	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=		SOLUBTMP=		A =	-5.558	B =	0.5000E-01	AVP =	10.61
BVP =	2421.	CVP =	0.4004E-01	VPUPRBND=	423.2	VPLWRBND=	283.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.4438E+06	HTCOMBTN=	-0.2441E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.100	UPFLMLIM=	19.30	BURNRATE=	0.4333E-04
TOXINHAL=	5.000	INHALCNC=	15.00	INHALTME=	540.0	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FFB CHEMNAME = FERROUS FLUOROBORATE PATHCODE = A P

MOLECWT =	229.5		NBP =		NFP =		CRITTEMP=		CRITPRES=
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=	0.9800E-01		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FMA CHEMNAME = FORMIC ACID PATHCODE = A P Q

MOLECWT =	46.03	NBP =	374.0	NFP =	281.6	CRITTEMP=		CRITPRES=	
DENSITY =	1220.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1568.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2135.	LQHTCPTM=	293.2	AHC =	1276.	BHC =	2.931	LHCUPBND=	413.2
LHCLOBND=	293.2	SURFTENS=	0.3800E 01	SFTNTEMP=	288.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.07
BVP =	1890.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.1411E+05
BVCP =	119.3	CVCP =	-0.5024E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.5024E+06	HTCOMBTN=	-0.4756E+07	HTDECOMP=		HTSOLUTN=	-0.6000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	18.00	UPFLMLIM=	57.00	BURNRATE=	0.8333E-05
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FMS CHEMNAME = FORMALDEHYDE SOLUTION PATHCODE = A P Q

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1100.	DENSTEMP=	298.2	SHPSTATE=L		ARHO =	1337.	BRHO =	-0.5000
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3349.	LQHTCPTM=	298.2	AHC =	2122.	BHC =	4.187	LHCUPBND=	313.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.69
BVP =	2768.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	293.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	7.000	UPFLMLIM=	73.00	BURNRATE=	
TOXINHAL=	2.000	INHALCNC=	5.000	INHALTME=	300.0	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FNT CHEMNAME = FERRIC NITRATE PATHCODE = SS

MOLECWT =	404.0	NBP =		NFP =	320.0	CRITTEMP=		CRITPRES=	
DENSITY =	1700.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	82.50	SOLUBTMP=	293.1	A =	-143.2	B =	0.7700	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.9200E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5550E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FOX CHEMNAME = FERROUS OXALATE PATHCODE = II

MOLECWT =	179.9	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	2300.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FRS CHEMNAME = FERROUS SULFATE PATHCODE = SS

MOLECWT =	170.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1900.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-134.5	B =	0.5500	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FSA CHEMNAME = FLUOSULFONIC ACID PATHCODE = A O

MOLECWT =	100.1	NBP =	435.9	NFP =	185.9	CRITTEMP=		CRITPRES=							
DENSITY =	1730.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	2326.	BRHO =	-2.000						
CRHO =	0.0000E+00	LDUPRBND=	333.1	LDLWRBND=	273.1	LQVISPNT=	0.1700E-02	LQVISTMP=	293.1						
AVIS =	-10.14	BVIS =	1105.	LVUPRBND=	333.1	LVLWRBND=	253.1	LQTHRCND=	0.1628	(E					
LTHCNTMP=	293.1	ACON =	0.1628	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	283.1				
LQHTCPPT=	2093.	(E)	LQHTCPTM=	293.1	AHC =	2093.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.1			
LHCLOBND=	283.1	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=							
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.29						
BVP =	2300.	CVP =	-0.1500	VPUPRBND=	373.1	VPLWRBND=	243.1	AVCP =							
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=							
HTFUSION=		LHTVAPOR=	0.3900E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=							
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=							
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=							
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=							
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FSF CHEMNAME = FERRIC SULFATE PATHCODE = SS

MOLECWT =	399.9	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	3100.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.5600E-01	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FSL CHEMNAME = FLUOSILICIC ACID PATHCODE = A P

MOLECWT =	144.1		NBP =	373.0	(E)	NFP =	247.5	(E)	CRITTEMP=		CRITPRES=
DENSITY =	1300.	(E)	DENSTEMP=	298.1		SHPSTATE=L			ARHO =		BRHO =
CRHO =			LDUPRBND=			LDLWRBND=			LQVISPNT=		LQVISTMP=
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =			BCON =			LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=			AHC =			BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=			SFTNTEMP=			INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=			A =			B =		AVP =
BVP =			CVP =			VPUPRBND=			VPLWRBND=		AVCP =
BVCP =			CVCP =			DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=			HTCOMBTN=			HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FUM CHEMNAME = FUMARIC ACID PATHCODE = II

MOLECWT =	116.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1635.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.7000	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1160E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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FXX CHEMNAME = FLUORINE PATHCODE = A C

MOLECWT =	37.99	NBP =	85.00	NFP =	54.00	CRITTEMP=	144.6	CRITPRES=	0.5580E+07
DENSITY =	1500.	DENSTEMP=	85.16	SHPSTATE=L		ARHO =	1559.	BRHO =	-0.7300
CRHO =	0.0000E+00	LDUPRBND=	173.2	LDLWRBND=	85.16	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1600. (E)	LQHTCPTM=	100.0 (E)	AHC =	1600. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	110.0 (E
LHCLOBND=	90.00 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.896
BVP =	331.0	CVP =	0.4004E-01	VPUPRBND=	143.2	VPLWRBND=	83.16	AVCP =	0.2396E+05
BVCP =	30.75	CVCP =	-0.1989E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.1666E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.000	INHALCNC=	0.5000	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GAK CHEMNAME = GASOLINE BLENDING STOCKS: ALKYLATES PATHCODE = A T U V W

MOLECWT =			NBP =	287.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	710.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	947.0	(E)	BRHO =	-0.9000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	353.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0	(E	
AVIS =	-11.00	(E)	BVIS =	943.0	(E)	LVUPRBND=	353.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1280	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1950	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	363.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2210.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1229.	(E)	BHC =	3.350	(E)	LHCUPBND=	333.0	(E	
LHCLOBND=	253.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =	-2972.	(E	
BVCP =	647.0	(E)	CVCP =	-0.2700	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E	
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMBTN=	-0.4354E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.100		UPFLMLIM=	8.700		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GAT CHEMNAME = GASOLINE: AUTOMOTIVE ()4.23G LEAD/GAL.) PATHCODE = A T U V W

MOLECWT =			NBP =	333.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	710.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	947.0	(E)	BRHO =	-0.9000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	353.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0	(E	
AVIS =	-11.00	(E)	BVIS =	943.0	(E)	LVUPRBND=	353.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1280	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1950	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	363.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2210.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1229.	(E)	BHC =	3.350	(E)	LHCUPBND=	333.0	(E	
LHCLOBND=	253.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =	-2972.	(E	
BVCP =	647.0	(E)	CVCP =	-0.2700	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E	
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMBTN=	-0.4354E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.400		UPFLMLIM=	7.400		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GAV CHEMNAME = GASOLINE: AVIATION ()4.86G LEAD/GAL.) PATHCODE = A T U V W

MOLECWT =			NBP =	344.0	(E)	NFP =	297.6	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	710.0		DENSTEMP=	288.2		SHPSTATE=L			ARHO =	947.0	(E)	BRHO =	-0.9000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	353.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0	(E	
AVIS =	-11.00	(E)	BVIS =	943.0	(E)	LVUPRBND=	353.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1280	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1950	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	363.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2210.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1229.	(E)	BHC =	3.350	(E)	LHCUPBND=	333.0	(E	
LHCLOBND=	253.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =	-2972.	(E	
BVCP =	647.0	(E)	CVCP =	-0.2700	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E	
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMSTN=	-0.4354E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.200		UPFLMLIM=	7.100		BURNRATE=			
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GCM CHEMNAME = GLYCIDYL METHACRYLATE PATHCODE = A T U X Y Z

MOLECWT =	142.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1073.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1073. (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.0 (E)	LDLWRBND=	283.0 (E)	LQVISPNT=	0.5600E-02(E)	LQVISTMP=	293.0 (E
AVIS =	-18.80 (E)	BVIS =	4000. (E)	LVUPRBND=	303.0 (E)	LVLWRBND=	283.0 (E)	LQTHRCND=	0.1500 (E
LTHCNTMP=	293.0 (E)	ACON =	0.1500 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.0 (E)	LTCLOBND=	283.0 (E
LQHTCPPT=	2000. (E)	LQHTCPTM=	293.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.0 (E
LHCLOBND=	283.0 (E)	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.0 (E)	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	0.2000E+06(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	400.0 (E)	VHCLOBND=	300.0 (E
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2500E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=	-0.2000E+07(E)	LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	25.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GCR CHEMNAME = GLYCERINE PATHCODE = A P O

MOLECWT =	92.10	NBP =	563.0	NFP =	291.1	CRITTEMP=		CRITPRES=	
DENSITY =	1261.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1349.	BRHO =	-0.3681E-02
CRHO =	-0.1000E-02	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2604.	LQHTCPTM=	293.2	AHC =	1277.	BHC =	4.522	LHCUPBND=	413.2
LHCLOBND=	290.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	12.71
BVP =	4117.	CVP =	0.4004E-01	VPUPRBND=	443.2	VPLWRBND=	333.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.6699E+06	HTCOMBTN=	-0.1805E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.1500E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GCS CHEMNAME = GASOLINE: CASINGHEAD PATHCODE = A T U V W

MOLECWT =			NBP =	287.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	669.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	947.0	(E)	BRHO =	-0.9000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	353.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0	(E
AVIS =	-11.00	(E)	BVIS =	943.0	(E)	LVUPRBND=	353.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1280	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1950	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	363.0	(E)	LTCLOBND=	273.0	(E
LQHTCPPT=	2210.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1229.	(E)	BHC =	3.350	(E)	LHCUPBND=	333.0	(E
LHCLOBND=	253.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =		
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =	-2972.	(E
BVCP =	647.0	(E)	CVCP =	-0.2700	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMBTN=	-0.4354E+08		HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.300		UPFLMLIM=	7.100		BURNRATE=	0.6667E-04	
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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GLA CHEMNAME = GALLIC ACID PATHCODE = II SS

MOLECWT =	188.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	.700.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	1.150	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1410E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0 5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GOC CHEMNAME = GAS OIL: CRACKED PATHCODE = A T U

MOLECWT =		NBP =	463.0	(E)	NFP =			CRITTEMP=			CRITPRES=				
DENSITY =	800.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1090.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.2750E-02		LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1300	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	373.0	(E)	LTCLOBND=	253.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	897.0	(E)	BHC =	3.770	(E)	LHCUPBND=	373.0	(E
LHCLOBND=	253.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4300E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	6.000		UPFLMLIM=	13.50		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GOS CHEMNAME = GLYOXAL, 40% SOLUTION PATHCODE = A P

MOLECWT =		NBP =		NFP =	258.0	CRITTEMP=		CRITPRES=	
DENSITY =	1290.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1464.	BRHO =	-0.6000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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GPL CHEMNAME = GASOLINE: POLYMER PATHCODE = A T U V W

MOLECWT =			NBP =	287.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	710.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	947.0	(E)	BRHO =	-0.9000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	353.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0	(E	
AVIS =	-11.00	(E)	BVIS =	943.0	(E)	LVUPRBND=	353.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1280	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1950	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	363.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2210.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1229.	(E)	BHC =	3.350	(E)	LHCUPBND=	333.0	(E	
LHCLOBND=	253.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =	-2972.	(E	
BVCP =	647.0	(E)	CVCP =	-0.2700	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E	
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMBTN=	-0.4354E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.300		UPFLMLIM=	7.100		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GRF CHEMNAME = GASOLINE BLENDING STOCKS: REFORMATES PATHCODE = A T U V W

MOLECWT =			NBP =	287.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	710.0	(E)	DENSTEMP=	286.2		SHPSTATE=L			ARHO =	947.0	(E)	BRHO =	-0.9000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	353.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0	(E	
AVIS =	-11.00	(E)	BVIS =	943.0	(E)	LVUPRBND=	353.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1280	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1950	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	363.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2210.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1229.	(E)	BHC =	3.350	(E)	LHCUPBND=	333.0	(E	
LHCLOBND=	253.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =	-2972.	(E	
BVCP =	647.0	(E)	CVCP =	-0.2700	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	300.0	(E)	VHCLOBND=	250.0	(E	
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMBTN=	-0.4354E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.100		UPFLMLIM=	8.700		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GSR CHEMNAME = GASOLINE: STRAIGHT RUN PATHCODE = A T U V W

MOLECWT =			NBP =	287.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	710.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	947.0	(E)	BRHO =	-0.9000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	353.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.4200E-03	(E)	LQVISTMP=	293.0	(E	
AVIS =	-11.00	(E)	BVIS =	943.0	(E)	LVUPRBND=	353.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1280	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1950	(E)	BCON =	-0.2300E-03	(E)	LTCUPBND=	363.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2210.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1229.	(E)	BHC =	3.350	(E)	LHCUPBND=	333.0	(E	
LHCLOBND=	253.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =	-2972.	(E	
BVCP =	647.0	(E)	CVCP =	-0.2700	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E	
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMBTN=	-0.4354E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.300		UPFLMLIM=	1.700		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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GTA CHEMNAME = GLUTARALDEHYDE SOLUTION PATHCODE = A P

MOLECWT =		NBP =	373.0 (E)	NFP =	266.0 (E)	CRITTEMP=		CRITPRES=	
DENSITY =	1090. (E)	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1237. (E)	BRHO =	-0.5000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.4500E-02(E)	LQVISTMP=	293.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2931. (E)	LQHTCPTM=	293.1	AHC =	2931. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.8000E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

Pages 1A - 2A
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PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HAC CHEMNAME = HEXADECYLTRIMETHYLAMMONIUM CHLORIDE PATHCODE = A P

MOLECWT =	319.0	NBP =	355.5	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	900.0 (E)	DENSTEMP=	298.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.000	UPFLMLIM=	12.00	BURNRATE=	0.3841E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HAI CHEMNAME = 2-HYDROXYETHYL ACRYLATE, INHIBITED PATHCODE = A P Q Z

MOLECWT =	116.1	NBP =	583.0	(E)	NFP =	213.0	CRITTEMP=			CRITPRES=	
DENSITY =	1100.	DENSTEMP=	298.1		SHPSTATE=L		ARHO =	1398.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1		LDLWRBND=	273.1	LQVISPNT=	0.5700E-02	(E)	LQVISTMP= 293.1
AVIS =	-18.81	(E)	BVIS =	4000.	(E)	LVUPRBND=	298.1	LVLWRBND=	288.1		LQTHRCND= 0.1512 (E
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND= 278.1
LQHTCPPT=	2052.		LQHTCPTM=	293.1		AHC =	824.2	(E)	BHC =	4.187	(E) LHCUPBND= 303.1
LHCLOBND=	273.1		SURFTENS=	0.2800E-01	(E)	SFTNTEMP=	293.1		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=			A =			B =		AVP = 7.744 (E
BVP =	1750.	(E)	CVP =	-0.1500	(E)	VFUPRBND=	363.1		VPLWRBND=	353.1	AVCP =
BVCP =			CVCP =			DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.2500E+08	(E)	HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=	-0.5060E+06	(E)	LOFLMLIM=			UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04	UPTOXLIM= 0.5000E-03
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HAL CHEMNAME = N-HEXALDEHYDE PATHCODE = A T U

MOLECWT =	100.0	NBP =	401.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	830.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1123. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	278.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=	2010. (E)	LQHTCPTM=	293.1	AHC =	2010. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1
LHCLOBND=	283.1	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	0.2389E+05(E
BVCP =	487.0 (E)	CVCP =	-0.2618 (E)	DVCP =	0.1901E-04(E)	VHCUPBND=	550.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3600E+06(E)	HTCOMBTN=	-0.3940E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.8701E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HAS CHEMNAME = HYDROXYLAMINE SULFATE PATHCODE = SS

MOLECWT =	164.1		NBP =		NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =		
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=		
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=	64.00		SOLUBTMP=	298.1	A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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HBR CHEMNAME = HYDROGEN BROMIDE PATHCODE = A C K M N O

MOLECWT =	80.92	NBP =	206.4	NFP =		CRITTEMP=	363.0	CRITPRES=	0.8520E+07
DENSITY =	2140.	DENSTEMP=	206.1	SHPSTATE=L		ARHO =	3967.	BRHO =	-8.850
CRHO =	0.0000E+00	LDUPRBND=	204.1	LDLWRBND=	185.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	736.9	LQHTCPTM=	205.1	AHC =	736.9	BHC =	0.0000E+00	LHCUPBND=	208.1
LHCLOBND=	198.1	SURFTENS=	0.2710E-01	SFTNTEMP=	206.0	INTFTENS=		INTFTTMP=	
SOLUBPNT=	193.0	SOLUBTMP=	298.1	A =	526.9	B =	-1.120	AVP =	9.539
BVP =	935.6	CVP =	0.5000E-01	VFUPRBND=	263.1	VPLWRBND=	203.1	AVCP =	0.3019E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	373.0	VHCLOBND=	273.0
HTFUSION=		LHTVAPOR=	0.2150E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.1030E+07
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	3.000	INHALCNC=	5.000	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HCC CHEMNAME = HEXACHLOROCYCLOPENTADIENE PATHCODE = A X

MOLECWT =	272.7	NBP =	512.0	NFP =	283.0	CRITTEMP=		CRITPRES=	
DENSITY =	1710.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	2122.	BRHO =	-1.400
CRHO =	0.0000E+00	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.9350E-02	LQVISTMP=	293.1
AVIS =	-15.49	BVIS =	3170.	LVUPRBND=	313.1	LVLWRBND=	293.1	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.3750E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.36
BVP =	2744.	CVP =	-0.1500	VFUPRBND=	513.1	VPLWRBND=	373.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.1800E+06(E)	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HCL CHEMNAME = HYDROCHLORIC ACID PATHCODE = A P

MOLECWT =		NBP =	323.8	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1190.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1317.	BRHO =	-0.5000
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2093.	LQHTCPTM=	293.2	AHC =	-3201.	BHC =	18.00	LHCUPBND=	333.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.49
BVP =	2100.	CVP =	0.4004E-01	VPUPRBND=	313.2	VPLWRBND=	283.2	AVCP =	0.2922E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3000E+06(E)	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.6000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HCN CHEMNAME = HYDROGEN CYANIDE PATHCODE = A B C K L M N

MOLECWT =	27.03	NBP =	298.9	NFP =	259.9	CRITTEMP=	456.7	CRITPRES=	0.5070E+07
DENSITY =	689.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1070.	BRHO =	-1.300
CRHO =	0.0000E+00	LDUPRBND=	298.2	LDLWRBND=	253.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2646.	LQHTCPTM=	293.2	AHC =	2194.	BHC =	1.549	LHCUPBND=	323.2
LHCLOBND=	263.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.916
BVP =	1467.	CVP =	0.4004E-01	VPUPRBND=	323.2	VPLWRBND=	261.2	AVCP =	0.2110E+05
BVCP =	61.76	CVCP =	-0.3977E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.2638E+06	LHTVAPOR=	0.1034E+07	HTCOMBTN=	-0.2455E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	5.600	UPFLMLIM=	40.00	BURNRATE=	0.3000E-04
TOXINHAL=	10.00	INHALCNC=	20.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	1.125 (E)	AIRFUEL =	6.350 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HDC CHEMNAME = HYDROGEN CHLORIDE PATHCODE = A C K M N O

MOLECWT =	36.46	NBP =	188.2	NFP =	158.0	CRITTEMP=	324.6	CRITPRES=	0.8270E+07
DENSITY =	1191.	DENSTEMP=	188.2	SHPSTATE=L		ARHO =	1736.	BRHO =	-2.900
CRHO =	0.0000E+00	LDUPRBND=	253.2	LDLWRBND=	193.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1760. (E)	LQHTCPTM=	185.0 (E)	AHC =	1760. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	195.0 (E
LHCLOBND=	175.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.554
BVP =	856.0	CVP =	0.4004E-01	VFUPRBND=	243.2	VPLWRBND=	173.2	AVCP =	0.2922E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4312E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.2056E+07
HTREACTN=	-0.2056E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	5.000	INHALCNC=	5.000	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HDQ CHEMNAME = HYDROQUINONE PATHCODE = SS

MOLECWT =	110.1	NBP =	558.0	NFP =	443.0	CRITTEMP=		CRITPRES=	
DENSITY =	1330.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	7.000	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2600E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4070	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HDS CHEMNAME = HYDROGEN SULFIDE PATHCODE = A B C D E F G

MOLECWT =	34.08	NBP =	212.8	NFP =	190.4	CRITTEMP=	373.6	CRITPRES=	0.9010E+07
DENSITY =	916.0	DENSTEMP=	213.2	SHPSTATE=L		ARHO =	1212.	BRHO =	-1.400
CRHO =	0.0000E+00	LDUPRBND=	273.2	LDLWRBND=	213.2	LQVISPNT=	0.5100E-03	LQVISTMP=	193.2
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1800. (E)	LQHTCPTM=	212.0 (E)	AHC =	1800. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	222.0 (E
LHCLOBND=	202.0 (E)	SURFTENS=	0.3000E-01(E)	SFTNTEMP=	212.0 (E)	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.559
BVP =	970.0	CVP =	0.4004E-01	VPUPRBND=	283.2	VPLWRBND=	208.2	AVCP =	0.3161E+05
BVCP =	5.024	CVCP =	0.1256E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.6992E+05	LHTVAPOR=	0.5443E+06	HTCOMBTN=	-0.1524E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	4.300	UPFLMLIM=	45.00	BURNRATE=	0.3833E-04
TOXINHAL=	10.00	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	1.250 (E)	AIRFUEL =	6.040 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HDZ CHEMNAME = HYDRAZINE PATHCODE = A P Q

MOLECWT =	32.05	NBP =	386.7	NFP =	274.7	CRITTEMP=	653.0	CRITPRES=	0.1470E+08
DENSITY =	1008.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1263.	BRHO =	-0.8700
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	278.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3081.	LQHTCPTM=	293.2	AHC =	2406.	BHC =	2.303	LHCUPBND=	393.2
LHCLOBND=	274.7	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.82
BVP =	2248.	CVP =	0.4004E-01	VFUPRBND=	353.2	VPLWRBND=	274.7	AVCP =	4187.
BVCP =	205.4	CVCP =	-0.1444	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.3952E+06	LHTVAPOR=	0.1252E+07	HTCOMBTN=	-0.1941E+08	HTDECOMP=		HTSOLUTN=	-0.5066E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	4.700	UPFLMLIM=	100.0	BURNRATE=	0.1667E-04
TOXINHAL=	1.000	INHALCNC=	1.000	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HFA CHEMNAME = HYDROFLUORIC ACID PATHCODE = A P

MOLECWT =		NBP =	340.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1258.	DENSTEMP=	298.2	SHPSTATE=L		ARHO =	1526.	BRHO =	-0.9000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	263.2	LQVISPNT=	0.8500E-03	LQVISTMP=	273.2
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3140.	LQHTCPTM=	300.2	AHC =	643.4	BHC =	8.374	LHCUPBND=	303.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	0.2914E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4000E+06(E)	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.7000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	3.000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HFX CHEMNAME = HYDROGEN FLUORIDE PATHCODE = A C K M N O

MOLECWT =	20.01	NBP =	292.7	NFP =	181.0	CRITTEMP=	503.8	CRITPRES=	0.7580E+07
DENSITY =	992.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1402.	BRHO =	-1.400
CRHO =	0.0000E+00	LDUPRBND=	293.2	LDLWRBND=	253.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3000. (E)	LQHTCPTM=	283.0 (E)	AHC =	3000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	293.0 (E
LHCLOBND=	273.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.519
BVP =	1317.	CVP =	0.4004E-01	VPUPRBND=	273.2	VPLWRBND=	213.2	AVCP =	0.2914E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3370E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.3076E+07
HTREACTN=	-0.3076E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	3.000	INHALCNC=	3.000	INHALTME=	900.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HMD CHEMNAME = HEXAMETHYLENEDIAMINE PATHCODE = A P O

MOLECWT =	116.2	NBP =	475.0	NFP =	313.7	CRITTEMP=				CRITPRES=	
DENSITY =	799.0	DENSTEMP=	333.2	SHPSTATE=L		ARHO =	800.0	(E)	BRHO =	0.0000E+00(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	298.0	(E)	LDLWRBND=	278.0	(E)	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =			LVUPRBND=			LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =			BCON =			LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=			AHC =			BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.3460E-01		SFTNTEMP=	333.2		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =			B =		AVP =	11.05 (E
BVP =	2870.	(E) CVP =	0.0000E+00(E)		VFUPRBND=	350.0	(E)	VPLWRBND=	273.0	(E) AVCP =	
BVCP =		CVCP =			DVCP =			VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.4731E+06		HTCOMBTN=	-0.2840E+08(E)		HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=			LOFLMLIM=	0.7000		UPFLMLIM=	6.300	BURNRATE=	
TOXINHAL=		INHALCNC=			INHALTME=			LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HMI CHEMNAME = HEXAMETHYLENEIMINE PATHCODE = A P C

MOLECWT =	99.00	NBP =	405.0	NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	880.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1173.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	278.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=	5.000	(E) SOLUBTMP=	293.1	A =		B =			AVP =	10.51	
BVP =	2228.	CVP =	-0.1500	VFUPRBND=	405.1	VPLWRBND=	288.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.600	UPFLMLIM=	2.300		BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=	0.5000E-04(E	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HMT CHEMNAME = HEXAMETHYLENETETRAMINE PATHCODE = SS

MOLECWT =	140.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1350.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	15.44	B =	0.2400	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3098E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HPA CHEMNAME = HYDROXYPROPYL ACRYLATE PATHCODE = A P Q Z

MOLECWT =	130.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1060.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2870E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HPM CHEMNAME = HYDROXYPROPYL METHACRYLATE PATHCODE = A P O Z

MOLECWT =	144.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1060.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HPO CHEMNAME = HYDROGEN PEROXIDE PATHCODE = A P Z

MOLECWT =	34.01	NBP =	398.0	NFP =	232.9	CRITTEMP=		CRITPRES=	
DENSITY =	1290.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1593.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3182.	LQHTCPTM=	293.2	AHC =	3182.	BHC =	0.0000E+00	LHCUPBND=	303.2
LHCLOBND=	283.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.98
BVP =	2394.	CVP =	0.4004E-01	VPUPRBND=	363.2	VPLWRBND=	273.2	AVCP =	0.2077E+05
BVCP =	91.90	CVCP =	-0.5652E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.1514E+07(E)	HTCOMBTN=		HTDECOMP=	-0.2830E+07	HTSOLUTN=	-0.4689E+05
HTREACTN=	-0.4689E+05	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HPT CHEMNAME = HEPTANE PATHCODE = A T U V W

MOLECWT =	100.2	NBP =	371.6	NFP =	182.6	CRITTEMP=	540.0	CRITPRES=	0.2758E+07		
DENSITY =	683.8	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	456.2	BRHO =	0.9000		
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	273.2	LQVISPNT=	0.4180E-03	LQVISTMP=	293.2		
AVIS =	-10.99	BVIS =	943.0	LVUPRBND=	353.2	LVLWRBND=	273.2	LQTHRCND=	0.1279		
LTHCNTMP=	293.2	ACON =	0.1961	BCON =	-0.2326E-03	LTCUPBND=	363.2	LTCLOBND=	273.2		
LQHTCPPT=	2211.	LQHTCPTM=	293.2	AHC =	1229.	BHC =	3.349	LHCUPBND=	333.2		
LHCLOBND=	253.2	SURFTENS=	0.1930E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.027		
BVP =	1268.	CVP =	-56.26	VPUPRBND=	403.2	VPLWRBND=	253.2	AVCP =	-2973.		
BVCP =	646.9	CVCP =	-0.2680	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3166E+06	HTCOMBTN=	-0.4459E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.000	UPFLMLIM=	7.000	BURNRATE=	0.1133E-03		
TOXINHAL=	500.0	INHALCNC=	500.0	INHALTME=	1800.	LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HSS CHEMNAME = HEXADECYL SULFATE. SODIUM SALT PATHCODE = A P

MOLECWT =	NBP =	NFP =	CRITTEMP=	CRITPRES=
DENSITY = 1000.	DENSTEMP= 293.1	SHPSTATE=L	ARHO =	BRHO =
CRHO =	LDUPRBND=	LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =	BVIS =	LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=	ACON =	BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=	LQHTCPTM=	AHC =	BHC =	LHCUPBND=
LHCLOBND=	SURFTENS=	SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	SOLUBTMP=	A =	B =	AVP =
BVP =	CVP =	VPUPRBND=	VPLWRBND=	AVCP =
BVCP =	CVCP =	DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=	LHTVAPOR=	HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=	HTPOLYMR=	LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	INHALCNC=	INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =	ABFLMTMP=	MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =				

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HTC CHEMNAME = HEPTACHLOR PATHCODE = II

MOLECWT =	373.5	NBP =		NFP =	333.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	1660.	DENSTEMP=	293.1	SHPSTATE=S			ARHO =			BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=			LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=			LQTHRCND=	
LTHCNTMP=		ACON =		BCON =			LTCUPBND=			LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =			LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =			B =			AVP =	
BVP =		CVP =		VPUPRBND=			VPLWRBND=			AVCP =	
BVCP =		CVCP =		DVCP =			VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=			HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=			BURNRATE=	
TOXINHAL=	0.3000E-01	INHALCNC=	0.1200	INHALTME=	1800.		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =											

AD-A034 607 LITTLE (ARTHUR D) INC CAMBRIDGE MASS F/G 7/2
CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
DEC 76 E ATKINSON
UNCLASSIFIED DOT-CG-24655-A
USCG-D-124-76 NL

6 OF 10
AD-A
034 607

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HTE CHEMNAME = 1-HEPTENE PATHCODE = A T U V W

MOLECWT =	98.18	NBP =	366.8	NFP =	154.0	CRITTEMP=	537.3	CRITPRES=	0.2890E+07		
DENSITY =	697.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	955.4	BRHO =	-0.8800		
CRHO =	0.0000E+00	LDUPRBND=	363.2	LDLWRBND=	273.2	LQVISPNT=	0.3500E-03	LQVISTMP=	293.2		
AVIS =	-10.86	BVIS =	851.3	LVUPRBND=	363.2	LVLWRBND=	273.2	LQTHRCND=	0.1419		
LTHCNTMP=	293.2	ACON =	0.2953	BCON =	-0.5233E-03	LTCUPBND=	333.2	LTCLOBND=	253.2		
LQHTCPPT=	2152.	LQHTCPTM=	293.2	AHC =	1193.	BHC =	3.266	LHCUPBND=	353.2		
LHCLOBND=	253.2	SURFTENS=	0.2050E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.025		
BVP =	1258.	CVP =	-53.96	VFUPRBND=	373.2	VPLWRBND=	253.2	AVCP =	0.1424E+05		
BVCP =	527.1	CVCP =	-0.1800	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3195E+06	HTCOMBTN=	-0.4507E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.000	UPFLMLIM=		BURNRATE=	0.1067E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HTN CHEMNAME = HEPTANOL PATHCODE = A T U

MOLECWT =	116.2	NBP =	449.0	NFP =	239.0	CRITTEMP=	633.0	CRITPRES=	0.3000E+07		
DENSITY =	822.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1068.	BRHO =	-0.8400		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.7010E-02	LQVISTMP=	293.2		
AVIS =	-15.32	BVIS =	3037.	LVUPRBND=	333.2	LVLWRBND=	283.2	LQTHRCND=	0.1337		
LTHCNTMP=	293.2	ACON =	0.1571	BCON =	-0.8141E-04	LTCUPBND=	373.2	LTCLOBND=	253.2		
LQHTCPPT=	2081.	LQHTCPTM=	293.2	AHC =	-496.7	BHC =	8.792	LHCUPBND=	393.2		
LHCLOBND=	253.2	SURFTENS=	0.2620E-01	SFTNTEMP=	288.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	288.0	(E	
SOLUBPNT=		SOLUBTMP=		A =	0.2944E-01	B =	0.2400E-03	AVP =	11.38		
BVP =	2864.	CVP =	0.4004E-01	VFUPRBND=	443.2	VPLWRBND=	313.2	AVCP =	0.2453E+05		
BVCP =	568.6	CVCP =	-0.1717	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4396E+06	HTCOMBTN=	-0.3678E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.5333E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HXA CHEMNAME = HEXANE PATHCODE = A T U V W

MOLECWT =	86.17	NBP =	341.9	NFP =	133.6	CRITTEMP=	507.4	CRITPRES=	0.3010E+07
DENSITY =	659.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	937.5	BRHO =	-0.9500
CRHO =	0.0000E+00	LDUPRBND=	338.2	LDLWRBND=	273.2	LQVISPNT=	0.3130E-03	LQVISTMP=	293.2
AVIS =	-9.042	BVIS =	285.0	LVUPRBND=	338.2	LVLWRBND=	273.2	LQTHRCND=	0.1256
LTHCNTMP=	293.2	ACON =	0.1938	BCON =	-0.2326E-03	LTCUPBND=	333.2	LTCLOBND=	283.2
LQHTCPPT=	2261.	LQHTCPTM=	293.2	AHC =	1033.	BHC =	4.187	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.1840E-01	SFTNTEMP=	293.2	INTFTENS=	0.5110E-01	INTFTTMP=	293.2
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.003
BVP =	1172.	CVP =	-48.76	VPUPRBND=	373.2	VPLWRBND=	253.2	AVCP =	0.1298E+05
BVCP =	481.3	CVCP =	-0.1486	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3349E+06	HTCOMBTN=	-0.4477E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	7.700	BURNRATE=	0.1217E-03
TOXINHAL=	500.0	INHALCNC=	500.0	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HXE CHEMNAME = 1-HEXENE PATHCODE = A T U V W

MOLECWT =	84.16	NBP =	336.7	NFP =	133.4	CRITTEMP=	504.0	CRITPRES=	0.3170E+07		
DENSITY =	673.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	951.5	BRHO =	-0.9500		
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=	0.2600E-03	LQVISTMP=	293.2		
AVIS =	-10.87	BVIS =	766.0	LVUPRBND=	333.2	LVLWRBND=	293.2	LQTHRCND=	0.1337		
LTHCNTMP=	293.2	ACON =	0.2840	BCON =	-0.5117E-03	LTCUPBND=	333.2	LTCLOBND=	253.2		
LQHTCPPT=	2169.	LQHTCPTM=	293.2	AHC =	1210.	BHC =	3.266	LHCUPBND=	353.2		
LHCLOBND=	253.2	SURFTENS=	0.1880E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	298.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.991		
BVP =	1153.	CVP =	-47.36	VPUPRBND=	373.2	VPLWRBND=	253.2	AVCP =	0.1181E+05		
BVCP =	451.3	CVCP =	-0.1570	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3349E+06	HTCOMBTN=	-0.4451E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=		BURNRATE=	0.1350E-03		
TOXINHAL=	500.0	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HXG CHEMNAME = HEXYLENE GLYCOL PATHCODE = A P O

MOLECWT =	118.2	NBP =	470.0	NFP =	223.0	CRITTEMP=	673.0	CRITPRES=	0.3420E+07
DENSITY =	923.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1181.	BRHO =	-0.8800
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1842.	LQHTCPTM=	293.2	AHC =	614.8	BHC =	4.187	LHCUPBND=	303.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.82
BVP =	3173.	CVP =	0.4004E-01	VPUPRBND=	413.2	VPLWRBND=	293.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.4354E+06	HTCOMBTN=	-0.3160E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2500E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	8.100	BURNRATE=	
TOXINHAL=	75.00 (E)	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HXN CHEMNAME = HEXANOL PATHCODE = A T U

MOLECWT =	102.2	NBP =	430.3	NFP =	228.6	CRITTEMP=	610.2	CRITPRES=	0.3340E+07		
DENSITY =	850.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1201.	BRHO =	-1.200		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.4370E-03	LQVISTMP=	298.2		
AVIS =	-16.85	BVIS =	2717.	LVUPRBND=	343.2	LVLWRBND=	273.2	LQTHRCND=	0.1337		
LTHCNTMP=	293.2	ACON =	0.1508	BCON =	-0.5815E-04	LTCUPBND=	373.2	LTCLOBND=	253.2		
LQHTCPPT=	2139.	LQHTCPTM=	293.2	AHC =	-683.6	BHC =	9.630	LHCUPBND=	393.2		
LHCLOBND=	253.2	SURFTENS=	0.2450E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	288.0	(E	
SOLUBPNT=		SOLUBTMP=		A =	2.692	B =	-0.7000E-02	AVP =	8.139	(E	
BVP =	1377. (E)	CVP =	0.0000E+00(E)	VFUPRBND=	433.0 (E)	VPLWRBND=	293.2	AVCP =	0.2286E+05		
BVCP =	489.2	CVCP =	-0.1444	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4857E+06	HTCOMSTN=	-0.3910E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	7.700	BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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HXX CHEMNAME = HYDROGEN, LIQUEFIED PATHCODE = A B C D E F G

MOLECWT =	2.000	NBP =	20.00	NFP =	14.00	CRITTEMP=	33.00	CRITPRES=	0.1300E+07
DENSITY =	71.00	DENSTEMP=	20.15	SHPSTATE=L		ARHO =	93.17	BRHO =	-1.100
CRHO =	0.0000E+00	LDUPRBND=	21.15	LDLWRBND=	18.15	LQVISPNT=	0.1340E-04	LQVISTMP=	20.15
AVIS =	-12.56	BVIS =	26.70	LVUPRBND=	23.15	LVLWRBND=	15.15	LQTHRCND=	0.1163
LTHCNTMP=	20.15	ACON =	0.6990E-01	BCON =	0.2326E-02	LTCUPBND=	25.15	LTCLOBND=	19.15
LQHTCPPT=	2386.	LQHTCPTM=	20.15	AHC =	2386.	BHC =	0.0000E+00	LHCUPBND=	23.15
LHCLOBND=	18.15	SURFTENS=	0.2300E-01	SFTNTEMP=	18.15	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	7.480
BVP =	50.10	CVP =	-0.1500	VPUPRBND=	23.15	VPLWRBND=	14.15	AVCP =	0.2931E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4427E+06	HTCOMBTN=	-0.1164E+09	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	4.000	UPFLMLIM=	75.00	BURNRATE=	0.1653E-03
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=	2497. (E)	MOLRATIO=	1.500 (E)	AIRFUEL =	34.32 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IAA CHEMNAME = ISOAMYL ALCOHOL PATHCODE = A P O T U

MOLECWT =	88.15	NBP =	405.0	NFP =		CRITTEMP=	580.0	CRITPRES=	
DENSITY =	810.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1076.	BRHO =	-0.9000
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=	0.3860E-02	LQVISTMP=	297.0
AVIS =	-14.69	BVIS =	2712.	LVUPRBND=	303.2	LVLWRBND=	273.2	LQTHRCND=	0.1721
LTHCNTMP=	293.2	ACON =	0.1721	BCON =	0.0000E+00	LTCUPBND=	323.2	LTCLOBND=	273.2
LQHTCPPT=	2294.	LQHTCPTM=	293.2	AHC =	-651.4	BHC =	10.05	LHCUPBND=	373.2
LHCLOBND=	273.2	SURFTENS=	0.2380E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-02	INTFTTMP=	291.2
SOLUBPNT=	2.750	SOLUBTMP=	293.2	A =		B =		AVP =	12.12
BVP =	2831.	CVP =	0.4004E-01	VFUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.2090E+05(E
BVCP =	496.0 (E)	CVCP =	-0.2720 (E)	DVCP =	0.0000E+00(E)	VHCUPBND=	600.0 (E)	VHCLOBND=	300.0 (E
HTFUSION=		LHTVAPOR=	0.5016E+06	HTCOMBTN=	-0.3768E+08	HTDECOMP=		HTSOLUTN=	-0.1327E+06
HTREACTN=	-0.1327E+06	HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	9.000	BURNRATE=	0.6000E-04
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IAC CHEMNAME = ISOPROPYL ACETATE PATHCODE = A P O R S

MOLECWT =	102.1		NBP =	361.7		NFP =	203.9		CRITTEMP=	538.0		CRITPRES=	0.3650E+07		
DENSITY =	874.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1228.		BRHO =	-1.200		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.4900E-03		LQVISTMP=	293.2		
AVIS =	-10.96		BVIS =	981.0		LVUPRBND=	353.2		LVLWRBND=	263.2		LQTHRCND=	0.1454		
LTHCNTMP=	293.2		ACON =	0.3095		BCON =	-0.5582E-03		LTCUPBND=	343.2		LTCLOBND=	253.2		
LQHTCPPT=	2031.		LQHTCPTM=	293.2		AHC =	1171.		BHC =	2.931		LHCUPBND=	363.2		
LHCLOBND=	253.2		SURFTENS=	0.2600E-01		SFTNTEMP=	293.2		INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=	2.900		SOLUBTMP=	293.2		A =			B =			AVP =	9.198		
BVP =	1243.		CVP =	-65.16		VFUPRBND=	393.2		VPLWRBND=	263.2		AVCP =	4350.		(E
BVCP =	457.0	(E)	CVCP =	-0.1970	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0		(E
HTFUSION=			LHTVAPOR=	0.3391E+06		HTCOMSTN=	-0.3100E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.800		UPFLMLIM=	8.000		BURNRATE			
TOXINHAL=	250.0		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IAI CHEMNAME = ISODECYL ACRYLATE, INHIBITED PATHCODE = A T U Z

MOLECWT =	212.4	NBP =		NFP =	173.0	CRITTEMP=			CRITPRES=		
DENSITY =	885.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1178.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.2320E-02	LQVISTMP=	293.1	
AVIS =	-14.40	BVIS =	2450.	LVUPRBND=	313.1	LVLWRBND=	273.1		LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	278.1
LQHTCPPT=	1926.	LQHTCPTM=	293.1	AHC =	698.6	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.1
SOLUBPNT=	0.1000E-01	(E)	SOLUBTMP=	293.1	A =		B =			AVP =	8.925	(E
BVP =	2200.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	443.1	VPLWRBND=	423.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.2600E+06	HTCOMBTN=	-0.3800E+08	(E)	HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=	-0.2800E+06	(E)	LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IAL CHEMNAME = ISOBUTYL ALCOHOL PATHCODE = A P Q

MOLECWT =	74.12	NBP =	381.1	NFP =	165.0	CRITTEMP=	547.8	CRITPRES=	0.4300E+07
DENSITY =	802.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1022.	BRHO =	-0.7500
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2315.	LQHTCPTM=	293.2	AHC =	596.9	BHC =	5.862	LHCUPBND=	333.2
LHCLOBND=	223.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	8.500	SOLUBTMP=	293.1	A =		B =		AVP =	12.13
BVP =	2670.	CVP =	0.4004E-01	VFUPRBND=	343.2	VPLWRBND=	283.2	AVCP =	0.1926E+05
BVCP =	406.1	CVCP =	-0.2219	DVCP =	0.4605E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.5778E+06	HTCOMBTN=	-0.3308E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.600	UPFLMLIM=	10.90	BURNRATE=	0.5833E-04
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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IAM CHEMNAME = ISOBUTYLAMINE PATHCODE = A P Q R S

MOLECWT =	73.10	NBP =	340.6	NFP =	187.7	CRITTEMP=	516.2	CRITPRES=	0.4300E+07
DENSITY =	739.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1032.	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.5500E-03	LQVISTMP=	298.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1884. (E)	LQHTCPTM=	293.1	AHC =	1884. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1
LHCLOBND=	288.1	SURFTENS=	0.2370E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.135
BVP =	1174.	CVP =	-56.15	VFUPRBND=	370.1	VPLWRBND=	250.1	AVCP =	9491.
BVCP =	443.0	CVCP =	-0.2110	DVCP =	0.2333E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4230E+06	HTCOMBTN=	-0.4080E+08	HTDECOMP=		HTSOLUTN=	-0.3400E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.400	UPFLMLIM=	9.000	BURNRATE=	0.1007E-03
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IBA CHEMNAME = ISOBUTYL ACETATE PATHCODE = A T U

MOLECWT =	116.2	NBP =	390.5	NFP =	176.1	CRITTEMP=	569.0	CRITPRES=	0.3200E+07		
DENSITY =	871.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1176.	BRHO =	-1.040		
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=	0.7240E-03	LQVISTMP=	293.2		
AVIS =	-11.57	BVIS =	1271.	LVUPRBND=	373.2	LVLWRBND=	273.2	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E) ACON =	0.1500	(E) BCON =	0.0000E+00	(E) LTCUPBND=	293.0	(E) LTCLOBND=	273.0	(E	
LQHTCPPT=	1922.	LQHTCPTM=	293.2	AHC =	1112.	BHC =	2.763	LHCUPBND=	383.2		
LHCLOBND=	273.2	SURFTENS=	0.2370E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01	(E) INTFTTMP=	293.0	(E	
SOLUBPNT=	0.6000	SOLUBTMP=	293.2	A =		B =		AVP =	9.148		
BVP =	1343.	CVP =	-66.16	VFUPRBND=	423.2	VPLWRBND=	283.2	AVCP =	5987.		
BVCP =	544.3	CVCP =	0.2470	DVCP =	0.2010E-04	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3086E+06	HTCOMBSTN=	-0.3020E+08	(E) HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.400	UPFLMLIM=	10.50	BURNRATE=			
TOXINHAL=	150.0	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IBL CHEMNAME = ISOBUTYLENE PATHCODE = A B C D E F G

MOLECWT =	56.10	NBP =	266.3	NFP =	132.9	CRITTEMP=	417.9	CRITPRES=	0.3990E+07		
DENSITY =	590.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	983.3	BRHO =	-1.330		
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=	0.1560E-03	LQVISTMP=	293.2		
AVIS =	-9.888	BVIS =	329.0	LVUPRBND=	333.2	LVLWRBND=	243.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2303.	LQHTCPTM=	293.2	AHC =	961.0	BHC =	4.605	LHCUPBND=	323.2		
LHCLOBND=	243.2	SURFTENS=	0.1580E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	263.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.501		
BVP =	1197.	CVP =	0.4004E-01	VFUPRBND=	303.2	VPLWRBND=	223.2	AVCP =	0.9780E+05		
BVCP =	180.2	CVCP =	-0.5652E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3948E+06	HTCOMBTN=	-0.4503E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	9.600	BURNRATE=			
TOXINHAL=	1000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8750 (E)	AIRFUEL =	14.68 (E)	FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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IBN CHEMNAME = ISOBUTYRONITRILE PATHCODE = A T U V W

MOLECWT =	69.10	NBP =	377.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	760.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=	0.5510E-03	LQVISTMP=	288.1
AVIS =	-11.33	BVIS =	1102.	LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.2490E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.82
BVP =	2194.	CVP =	0.5000E-01	VFUPRBND=	378.1	VPLWRBND=	323.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3700E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.1000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IBR CHEMNAME = ISOBUTYRIC ACID PATHCODE = A P O

MOLECWT =	88.00	NBP =	427.0	NFP =	227.0	CRITTEMP=	609.0	CRITPRES=	0.4060E+07
DENSITY =	949.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1315.	BRHO =	-1.551
CRHO =	0.1036E-02	LDUPRBND=	291.1	LDLWRBND=	228.1	LQVISPNT=	0.1330E-02	LQVISTMP=	293.1
AVIS =	-11.37	BVIS =	1393.	LVUPRBND=	323.1	LVLWRBND=	273.1	LQTHRCND=	0.1419
LTHCNTMP=	285.1	ACON =	0.1419	BCON =	0.0000E+00	LTCUPBND=	293.1	LTCLOBND=	278.1
LQHTCPPT=	1884.	LQHTCPTM=	293.1	AHC =	1884.	BHC =	0.0000E+00	LHCUPBND=	303.1
LHCLOBND=	283.1	SURFTENS=	0.2510E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	20.00	SOLUBTMP=	293.1	A =		B =		AVP =	9.987
BVP =	1775.	CVP =	-68.15	VPUPRBND=	346.1	VPLWRBND=	273.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.4680E+06	HTCOMBTN=	-0.2460E+08	HTDECOMP=		HTSOLUTN=	-0.4770E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.4342E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.4000E-03	UPTOXLIM=	0.8000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IBT CHEMNAME = ISOBUTANE PATHCODE = A B C D E F G

MOLECWT =	58.12	NBP =	261.4	NFP =	17.90	CRITTEMP=	408.0	CRITPRES=	0.3650E+07		
DENSITY =	557.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	880.5	BRHO =	-1.100		
CRHO =	0.0000E+00	LDUPRBND=	293.2	LDLWRBND=	223.2	LQVISPNT=	0.2390E-03	LQVISTMP=	263.2		
AVIS =	-11.18	BVIS =	749.0	LVUPRBND=	263.2	LVLWRBND=	223.2	LQTHRCND=			
LTHCNTMP=		ACCN =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2412.	LQHTCPTM=	293.2	AHC =	816.0	BHC =	5.443	LHCUPBND=	313.2		
LHCLOBND=	253.2	SURFTENS=	0.1400E-01	SFTNTEMP=	263.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	263.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.873		
BVP =	882.8	CVP =	-33.16	VPUPRBND=	298.2	VPLWRBND=	233.2	AVCP =	2470.		
BVCP =	352.3	CVCP =	-0.1193	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3663E+06	HTCOMBTN=	-0.4526E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	8.400	BURNRATE=	0.1550E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8333 (E)	AIRFUEL =	15.35 (E)	FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IDA CHEMNAME = ISODECALDEHYDE PATHCODE = A T U

MOLECWT =	156.3		NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =			DENSTEMP=			SHPSTATE=			ARHO =	840.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	293.0	(E)	LDLWRBND=	278.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	298.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.702	(E	
BVP =	2315.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	490.0	(E)	VPLWRBND=	350.0	(E)	AVCP =	0.4468E+05	(E	
BVCP =	889.0	(E)	CVCP =	-0.4690	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2800E+06	(E)	HTCOMBTN=	-0.4140E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IHA CHEMNAME = ISOHEXANE PATHCODE = A T U V W

MOLECWT =	86.18	NBP =	333.5	NFP =	119.5	CRITTEMP=	497.5	CRITPRES=	0.3010E+07		
DENSITY =	653.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	946.2	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	233.2	LQVISPNT=	0.2840E-03	LQVISTMP=	293.2		
AVIS =	-10.23	BVIS =	605.0	LVUPRBND=	353.2	LVLWRBND=	233.2	LQTHRCND=	0.1151		
LTHCNTMP=	293.2	ACON =	0.2174	BCON =	-0.3489E-03	LTCUPBND=	333.2	LTCLOBND=	273.2		
LQHTCPPT=	2227.	LQHTCPTM=	293.2	AHC =	1245.	BHC =	3.349	LHCUPBND=	343.2		
LHCLOBND=	253.2	SURFTENS=	0.1738E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.964		
BVP =	1135.	CVP =	-46.56	VFUPRBND=	373.2	VPLWRBND=	253.2	AVCP =	8583.		
BVCP =	506.0	CVCP =	-0.1696	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3228E+06	HTCOMBTN=	-0.4453E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	7.700	BURNRATE=	0.1367E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IOA CHEMNAME = ISOOCTYL ALCOHOL PATHCODE = A T U

MOLECWT =	130.2	NBP =	459.0	NFP =	373.0	(E)	CRITTEMP=			CRITPRES=				
DENSITY =	832.0	DENSTEMP=	293.2	SHPSTATE=L			ARHO =	1125.		BRHO =	-1.0000			
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	283.2		LQVISPNT=	0.1000E-01		LQVISTMP=	293.2			
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500	(E		
LTHCNTMP=	293.0	(E) ACON =	0.1500	(E) BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0	(E		
LQHTCPPT=	3308.	LQHTCPTM=	323.2	AHC =			BHC =			LHCUPBND=				
LHCLOBND=		SURFTENS=	0.2950E-01	SFTNTEMP=	293.2		INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0	(E		
SOLUBPNT=	0.7000E-01	SOLUBTMP=	293.2	A =			B =			AVP =	11.30			
BVP =	2860.	CVP =	0.4004E-01	VFUPRBND=	473.2		VPLWRBND=	283.2		AVCP =	0.4130E+05	(E		
BVCP =	710.0	(E) CVCP =	-0.3690	(E) DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	300.0	(E		
HTFUSION=		LHTVAPOR=	0.3200E+06	(E) HTCOMBTN=	-0.4040E+08	(E)	HTDECOMP=			HTSOLUTN=				
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.9000		UPFLMLIM=	5.700		BURNRATE=				
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02			
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=				
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IOC CHEMNAME = ISOOCTALDEHYDE PATHCODE = A T U

MOLECWT =	128.2		NBP =	426.0	(E)	NFP =	155.0		CRITTEMP=			CRITPRES=			
DENSITY =	825.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	825.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.1100E-02		LQVISTMP=	293.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2690E-01		SFTNTEMP=	293.2		INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	11.30	(E	
BVP =	2860.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	303.0	(E)	VPLWRBND=	278.0	(E)	AVCP =	0.4130E+05	(E	
BVCP =	710.0	(E)	CVCP =	-0.3690	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.3200E+06	(E)	HTCOMBTN=	-0.4000E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IPA CHEMNAME = ISOPROPYL ALCOHOL PATHCODE = A P Q R S

MOLECWT =	60.10	NBP =	355.5	NFP =	184.7	CRITTEMP=	508.4	CRITPRES=	0.4760E+07
DENSITY =	785.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1022.	BRHO =	-0.8100
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2512.	LQHTCPTM=	293.2	AHC =	-670.8	BHC =	10.89	LHCUPBND=	303.2
LHCLOBND=	263.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.52
BVP =	1730.	CVP =	-41.66	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.1147E+05
BVCP =	281.8	CVCP =	-0.7536E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.8792E+05	LHTVAPOR=	0.6657E+06	HTCOMBTN=	-0.3015E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.000	UPFLMLIM=	12.00	BURNRATE=	0.3833E-04
TOXINHAL=	400.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IPC CHEMNAME = ISOPROPYL PERCARBONATE PATHCODE = II

MOLECWT =	206.2	NBP =		NFP =	282.0	(E)	CRITTEMP=		CRITPRES=
DENSITY =	1080.	DENSTEMP=	288.1	SHPSTATE=S			ARHO =		BRHO =
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=
SOLUBPNT=	0.4000E-01	SOLUBTMP=	298.1	A =			B =		AVP =
BVP =		CVP =		VFUPRBND=			VPLWRBND=		AVCP =
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1980E+08		HTDECOMP=	-0.1550E+07	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM= 0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IPE CHEMNAME = ISOPROPYL ETHER PATHCODE = A P O T U V W

MOLECWT =	102.2	NBP =	342.0	NFP =	187.0	CRITTEMP=	500.1	CRITPRES=	0.2880E+07
DENSITY =	724.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1046.	BRHO =	-1.100
CRHO =	0.0000E+00	LDUPRBND=	333.1	LDLWRBND=	273.1	LQVISPNT=	0.8200E-03(E)	LQVISTMP=	293.1
AVIS =	-11.61 (E)	BVIS =	1320. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	278.1
LQHTCPPT=	2119.	LQHTCPTM=	293.1	AHC =	1137.	BHC =	3.349	LHCUPBND=	303.1
LHCLOBND=	253.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	1.200	SOLUBTMP=	293.1	A =		B =		AVP =	9.813
BVP =	1644.	CVP =	-0.1500	VFUPRBND=	343.1	VPLWRBND=	273.1	AVCP =	-7392. (E
BVCP =	644.5 (E)	CVCP =	-0.3975 (E)	DVCP =	0.7469E-04(E)	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3100E+06	HTCOMBTN=	-0.2700E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400	UPFLMLIM=	7.900	BURNRATE=	0.8350E-04
TOXINHAL=	250.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IPH CHEMNAME = ISOPHORONE PATHCODE = A P Q T U

MOLECWT =	138.2	NBP =	488.5	NFP =	265.1	CRITTEMP=		CRITPRES=			
DENSITY =	923.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1143.	BRHO =	-0.7500		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.2600E-02	LQVISTMP=	293.1		
AVIS =	-13.80	(E) BVIS =	2300.	(E) LVUPRBND=	303.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.1	LTCLOBND=	278.1		
LQHTCPPT=	1800.	LQHTCPTM=	288.1	AHC =	229.9	(E) BHC =	5.443	(E) LHCUPBND=	303.1		
LHCLOBND=	273.1	SURFTENS=	0.3230E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=	1.200	SOLUBTMP=	293.1	A =	5.597	B =	-0.1500E-01	AVP =	10.55		
BVP =	2674.	CVP =	-0.1500	VPUPRBND=	423.1	VPLWRBND=	333.1	AVCP =	-0.4903E+05	(E	
BVCP =	956.7	(E) CVCP =	-0.6315	(E) DVCP =	0.1560E-03	(E) VHCUPBND=	500.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3140E+06	HTCOMBTN=	-0.3500E+08	(E) HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8400	UPFLMLIM=	3.800	BURNRATE=	0.6680E-04		
TOXINHAL=	10.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IPL CHEMNAME = ISOPHTHALIC ACID PATHCODE = II

MOLECWT =	166.0	NBP =		NFP =	618.0	CRITTEMP=		CRITPRES=	
DENSITY =	1540.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1940E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IPM CHEMNAME = ISOPROPYL MERCAPTAN PATHCODE = A P Q R S

MOLECWT =	76.20	NBP =	325.8	NFP =	142.7	CRITTEMP=		CRITPRES=	
DENSITY =	814.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1107.	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3690E-02	LQVISTMP=	293.1
AVIS =	-8.712	BVIS =	911.0	LVUPRBND=	308.1	LVLWRBND=	283.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	293.1	LTCLOBND=	253.1
LQHTCPPT=	1800.	LQHTCPTM=	293.1	AHC =	1358.	BHC =	1.465	LHCUPBND=	323.1
LHCLOBND=	173.1	SURFTENS=	0.2200E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.805
BVP =	1563.	CVP =	-0.1500	VPUPRBND=	326.1	VPLWRBND=	278.1	AVCP =	0.3404E+05
BVCP =	209.3	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.3830E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IPP CHEMNAME = ISOPROPYLAMINE PATHCODE = A P Q R S

MOLECWT =	59.11	NBP =	305.6	NFP =	178.0	CRITTEMP=	475.0			CRITPRES=	0.5100E+07
DENSITY =	690.0	DENSTEMP=	288.1	SHPSTATE=L		ARHO =	978.2	(E)		BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	278.1	LQVISPNT=	0.3600E-03			LQVISTMP=	298.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=				LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1			LTCLOBND=	283.1
LQHTCPPT=	1842.	(E) LQHTCPTM=	293.1	AHC =	1842.	(E) BHC =	0.0000E+00(E)			LHCUPBND=	298.1
LHCLOBND=	283.1	SURFTENS=	0.1680E-01	SFTNTEMP=	293.1	INTFTENS=				INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =				AVP =	9.042
BVP =	1055.	CVP =	-44.15	VPUPRBND=	335.1	VPLWRBND=	220.1			AVCP =	7842.
BVCP =	353.4	CVCP =	-0.1609	DVCP =	0.1246E-04	VHCUPBND=	600.0			VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4480E+06	HTCOMBTN=	-0.3940E+08	HTDECOMP=				HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.300	UPFLMLIM=	12.00			BURNRATE=	0.1057E-03
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03			UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IPR CHEMNAME = ISOPRENE PATHCODE = A T U V W

MOLECWT =	68.12	NBP =	307.3	NFP =	127.3	CRITTEMP=	484.3	CRITPRES=	0.3790E+07		
DENSITY =	681.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1032.	BRHO =	-1.200		
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	253.2	LQVISPNT=	0.2100E-03	LQVISTMP=	293.2		
AVIS =	-11.29	BVIS =	827.0	LVUPRBND=	303.2	LVLWRBND=	243.2	LQTHRCND=	0.1337		
LTHCNTMP=	293.2	ACON =	0.2840	BCON =	-0.5117E-03	LTCUPBND=	333.2	LTCLOBND=	253.2		
LQHTCPPT=	2232.	LQHTCPTM=	293.2	AHC =	1127.	BHC =	3.768	LHCUPBND=	333.2		
LHCLOBND=	253.2	SURFTENS=	0.1690E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.028		
BVP =	1081.	CVP =	-38.46	VPUPRBND=	303.2	VPLWRBND=	213.2	AVCP =	1968.		
BVCP =	397.7	CVCP =	-0.2324	DVCP =	0.5275E-04	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3559E+06	HTCOMBTN=	-0.4384E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=	-0.1160E+07	LOFLMLIM=	2.000	UPFLMLIM=	9.000	BURNRATE=	0.1433E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IPT CHEMNAME = ISOPENTANE PATHCODE = A T U V W

MOLECWT =	72.15	NBP =	301.1	NFP =	113.3	CRITTEMP=	460.4	CRITPRES=	0.3380E+07
DENSITY =	620.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	906.7	BRHO =	-0.9800
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	243.2	LQVISPNT=	0.2250E-03	LQVISTMP=	293.2
AVIS =	-11.25	BVIS =	836.0	LVUPRBND=	293.2	LVLWRBND=	243.2	LQTHRCND=	0.1076
LTHCNTMP=	293.2	ACON =	0.2303	BCON =	-0.4187E-03	LTCUPBND=	323.2	LTCLOBND=	293.2
LQHTCPPT=	2261.	LQHTCPTM=	293.2	AHC =	1033.	BHC =	4.187	LHCUPBND=	333.2
LHCLOBND=	253.2	SURFTENS=	0.1605E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.915
BVP =	1020.	CVP =	-40.06	VFUPRBND=	323.2	VPLWRBND=	253.2	AVCP =	2973.
BVCP =	432.5	CVCP =	-0.1465	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3391E+06	HTCOMBTN=	-0.4492E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400	UPFLMLIM=	8.300	BURNRATE=	0.1233E-03
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ISA CHEMNAME = ISODECYL ALCOHOL PATHCODE = A T U

MOLECWT =	158.3		NBP =	493.0		NFP =	333.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	841.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1134.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0		(E
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	298.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.0	(E)	LTCLOBND=	283.0		(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0		(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=	0.1000E-01	(E)	SOLUBTMP=	293.2		A =			B =			AVP =	9.702		(E
BVP =	2315.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	490.0	(E)	VPLWRBND=	350.0	(E)	AVCP =	0.4468E+05		(E
BVCP =	889.0	(E)	CVCP =	-0.4690	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	300.0		(E
HTFUSION=			LHTVAPOR=	0.2800E+06	(E)	HTCOMBTN=	-0.4140E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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IVA CHEMNAME = ISOVALERALDEHYDE PATHCODE = A T U V W

MOLECWT =	86.10		NBP =	365.7		NFP =	222.0		CRITTEMP=			CRITPRES=			
DENSITY =	785.0		DENSTEMP=	293.1		SHPSTATE=L			ARHO =	1313.		BRHO =	-1.800		
CRHO =	0.0000E+00		LDUPRBND=	313.1		LDLWRBND=	273.1		LQVISPNT=	0.5600E-03		LQVISTMP=	293.1		
AVIS =	-11.30		BVIS =	1115.		LVUPRBND=	365.1		LVLWRBND=	273.1		LQTHRCND=	0.1512		(E
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1		LTCLOBND=	283.1		
LQHTCPPT=	1884.	(E)	LQHTCPTM=	293.1		AHC =	656.7	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1		
LHCLOBND=	273.1		SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.1		INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.1		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.791		(E
BVP =	1750.	(E)	CVP =	-0.1500	(E)	VFUPRBND=	368.1		VPLWRBND=	353.1		AVCP =	6692.		(E
BVCP =	451.4	(E)	CVCP =	-0.2137	(E)	DVCP =	0.2471E-04	(E)	VHCUPBND=	500.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.3900E+06	(E)	HTCOMBTN=	-0.3600E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.8851E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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JPF CHEMNAME = JET FUEL: JP-4 PATHCODE = A T U

MOLECWT =		NBP =	449.0	(E)	NFP =	225.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	810.0	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1053.		BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.8400E-03		LQVISTMP=	293.2		
AVIS =	-10.87	BVIS =	1110.		LVUPRBND=	298.2		LVLWRBND=	233.2		LQTHRCND=	0.1314		
LTHCNTMP=	293.2	ACON =	0.1469		BCON =	-0.5233E-04		LTCUPBND=	373.2		LTCLOBND=	253.2		
LQHTCPPT=	2010.	LQHTCPTM=	293.2		AHC =	896.6		BHC =	3.768		LHCUPBND=	373.2		
LHCLOBND=	253.2	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=			A =			B =			AVP =	8.515		
BVP =	1320.	CVP =	-0.1599		VPUPRBND=	373.2		VPLWRBND=	253.2		AVCP =	0.1700E+05	(E	
BVCP =	1073.	(E) CVCP =	-0.5720	(E)	DVCP =	0.1200E-03	(E)	VHCUPBND=	600.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=		LHTVAPOR=	0.3266E+06		HTCOMBTN=	-0.4312E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=		HTPOLYMR=			LOFLMLIM=	1.300		UPFLMLIM=	8.000		BURNRATE=	0.6667E-04		
TOXINHAL=	200.0	INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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JPO CHEMNAME = JET FUEL: JP-1(KEROSENE) PATHCODE = A T U

MOLECWT =		NBP =	473.0	(E)	NFP =	286.0		CRITTEMP=		CRITPRES=	
DENSITY =	800.0	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	1088.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.1200E-02	LQVISTMP=	293.2
AVIS =	-13.90	BVIS =	2100.		LVUPRBND=	298.2		LVLWRBND=	233.2	LQTHRCND=	0.1314
LTHCNTMP=	293.2	ACON =	0.1469		BCON =	-0.5233E-04		LTCUPBND=	373.2	LTCLOBND=	253.2
LQHTCPPT=	1968.	LQHTCPTM=	293.2		AHC =	854.8		BHC =	3.768	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.2750E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.4800E-01	(E) INTFTTMP=	293.2
SOLUBPNT=		SOLUBTMP=			A =			B =		AVP =	9.515
BVP =	2076.	CVP =	-0.1599		VFUPRBND=	423.2		VPLWRBND=	293.2	AVCP =	0.1700E+05(E
BVCP =	1073.	(E) CVCP =	-0.5720	(E)	DVCP =	0.1200E-03	(E)	VHCUPBND=	600.0	(E) VHCLOBND=	300.0 (E
HTFUSION=		LHTVAPOR=	0.2512E+06		HTCOMBTN=	-0.4312E+08		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=	0.7000		UPFLMLIM=	5.000	BURNRATE=	0.6667E-04
TOXINHAL=	200.0	INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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JPT CHEMNAME = JET FUEL: JP-3 PATHCODE = A T U

MOLECWT =		NBP =	303.0	(E)	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	800.0	DENSTEMP=	293.2		SHPSTATE=L		ARHO =	800.0	(E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.8400E-03	LQVISTMP=	293.2
AVIS =	-10.87	BVIS =	1110.		LVUPRBND=	298.2		LVLWRBND=	233.2	LQTHRCND=	0.2082
LTHCNTMP=	293.2	ACON =	0.2236		BCON =	-0.5233E-04		LTCUPBND=	373.2	LTCLOBND=	253.2
LQHTCPPT=	2010.	LQHTCPTM=	293.2		AHC =	896.6		BHC =	3.768	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.2500E-01(E)		SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=		SOLUBTMP=			A =			B =		AVP =	8.747
BVP =	1270.	CVP =	-0.1599		VFUPRBND=	373.2		VPLWRBND=	253.2	AVCP =	0.1700E+05(E
BVCP =	1073.	(E) CVCP =	-0.5720	(E)	DVCP =	0.1200E-03(E)		VHCUPBND=	600.0	(E) VHCLOBND=	300.0 (E
HTFUSION=		LHTVAPOR=	0.3266E+06		HTCOMBTN=	-0.4312E+08		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=			UPFLMLIM=		BURNRATE=	0.6667E-04
TOXINHAL=	200.0	INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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JPV CHEMNAME = JET FUEL: JP-5(KEROSENE, HEAVY) PATHCODE = A T U

MOLECWT =		NBP =	449.0 (E)	NFP =	225.0 (E)	CRITTEMP=		CRITPRES=	
DENSITY =	820.0	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	1113.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	273.2	LQVISPNT=	0.2050E-02	LQVISTMP=	293.2
AVIS =	-12.95	BVIS =	1982.	LVUPRBND=	298.2	LVLWRBND=	233.2	LQTHRCND=	0.1314
LTHCNTMP=	293.2	ACON =	0.1469	BCON =	-0.5233E-04	LTCUPBND=	373.2	LTCLOBND=	253.2
LQHTCPPT=	2010.	LQHTCPTM=	293.2	AHC =	896.6	BHC =	3.768	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.0 (E)	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.410
BVP =	2150.	CVP =	-0.1599	VFUPRBND=	423.2	VPLWRBND=	323.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3266E+06	HTCOMBTN=	-0.4312E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.6000	UPFLMLIM=	4.600	BURNRATE=	0.6667E-04
TOXINHAL=	200.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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KRS CHEMNAME = KEROSENE PATHCODE = A T U

MOLECWT =		NBP =	473.0 (E)	NFP =	227.6	CRITTEMP=		CRITPRES=	
DENSITY =	800.0	DENSTEMP=	288.2	SHPSTATE=	L	ARHO =	1088.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	273.2	LQVISPNT=	0.1200E-02	LQVISTMP=	293.2
AVIS =	-13.90	BVIS =	2100.	LVUPRBND=	298.2	LVLWRBND=	233.2	LQTHRCND=	0.1314
LTHCNTMP=	293.2	ACON =	0.1469	BCON =	-0.5233E-04	LTCUPBND=	373.2	LTCLOBND=	253.2
LQHTCPPT=	1968.	LQHTCPTM=	293.2	AHC =	854.8	BHC =	3.768	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.2750E-01(E)	SFTNTEMP=	293.2	INTFTENS=	0.4800E-01(E)	INTFTTMP=	293.2
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.515
BVP =	2076.	CVP =	-0.1599	VFUPRBND=	423.2	VPLWRBND=	293.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.2512E+06	HTCOMBTN=	-0.4312E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.7000	UPFLMLIM=	5.000	BURNRATE=	0.6667E-04
TOXINHAL=	200.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LAC CHEMNAME = LEAD ACETATE PATHCODE = SS

MOLECWT =	379.3	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2550.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	44.30	SOLUBTMP=	293.1	A =	-316.3	B =	1.230	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1200E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LAH CHEMNAME = LITHIUM ALUMINUM HYDRIDE PATHCODE = RR C

MOLECWT =	37.94	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	917.0	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.1821E+08	HTPOLYMR=	-0.1821E+08	LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LAL CHEMNAME = LINEAR ALCOHOLS (12-15 CARBONS) PATHCODE = A T U

MOLECWT =	186.0	(E)	NBP =	525.0	(E)	NFP =	292.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	840.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	840.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	293.0	(E)	LQVISPNT=	0.3700E-02	(E)	LQVISTMP=	303.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	303.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	303.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	303.0	(E	
LQHTCPPT=	2200.	(E)	LQHTCPTM=	303.0	(E)	AHC =	2200.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	303.0	(E)	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	303.0	(E)	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	303.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.790	(E	
BVP =	2630.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	313.0	(E)	VPLWRBND=	303.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4290E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LAR CHEMNAME = LEAD ARSENATE PATHCODE = II

MOLECWT =	347.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	5790.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.9700E-02	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LFB CHEMNAME = LEAD FLUOROBORATE PATHCODE = A P

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1750.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LFR CHEMNAME = LEAD FLUORIDE PATHCODE = II

MOLECWT =	245.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	8240.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6400E-01	SOLUBTMP=	293.1	A =	0.6400E-01	B =	0.0000E+00	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1370E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LHD CHEMNAME = LITHIUM HYDRIDE PATHCODE = RR

MOLECWT =	7.950	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	780.0	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.1700E+08
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.7050E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LID CHEMNAME = LEAD IODIDE PATHCODE = II

MOLECWT =	461.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	6160.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.7600E-01	SOLUBTMP=	298.1	A =	-0.3111	B =	0.1300E-02	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.9700E-02	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LLS CHEMNAME = LATEX. LIQUID SYNTHETIC PATHCODE = A P

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	960.0 (E)	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1000. (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	293.0 (E)	LDLWRBND=	278.0 (E)	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2000. (E)	LQHTCPTM=	293.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.0 (E
LHCLOBND=	278.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LNG CHEMNAME = LIQUEFIED NATURAL GAS (LNG) PATHCODE = A B C D E F G

MOLECWT =	17.00	(E)	NBP =	112.0	NFP =	91.00	CRITTEMP=	191.0	CRITPRES=	0.4640E+07			
DENSITY =	415.0	(E)	DENSTEMP=	111.2	SHPSTATE=L		ARHO =	580.4	BRHO =	-1.400			
CRHO =	0.0000E+00		LDUPRBND=	123.2	LDLWRBND=	93.16	LQVISPNT=	0.1350E-03	LQVISTMP=	113.2			
AVIS =	-12.71		BVIS =	430.0	LVUPRBND=	153.2	LVLWRBND=	93.16	LQTHRCND=				
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=				
LQHTCPPT=	3517.		LQHTCPTM=	113.2	AHC =	2491.	BHC =	9.211	LHCUPBND=	143.2			
LHCLOBND=	93.16		SURFTENS=	0.1400E-01	SFTNTEMP=	112.2	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	112.0	(E	
SOLUBPNT=			SOLUBTMP=		A =		B =			AVP =	8.737		
BVP =	389.9		CVP =	-7.160	VPUPRBND=	123.2	VPLWRBND=	93.16		AVCP =	0.2504E+05		
BVCP =	25.33		CVCP =	0.3559E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.5100E+06	(E)	HTCOMBTN=	-0.5443E+08	(E)	HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=	5.300	UPFLMLIM=	14.00		BURNRATE=	0.2083E-03		
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=	2339.	(E)	MOLRATIO=	1.000	(E)	AIRFUEL =	17.16	(E)	FLMETEMP=	
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LNT CHEMNAME = LEAD NITRATE PATHCODE = SS

MOLECWT =	331.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	4530.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	56.50	SOLUBTMP=	293.1	A =	-202.9	B =	0.8850	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.9600E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1350E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LPG CHEMNAME = LIQUEFIED PETROLEUM GAS (LPG) PATHCODE = A B C D E F G

MOLECWT =	44.00	(E)	NBP =	233.0	(E)	NFP =			CRITTEMP=	176.5		CRITPRES=	0.4249E+07		
DENSITY =	510.0	(E)	DENSTEMP=	223.2		SHPSTATE=L			ARHO =	835.5		BRHO =	-1.100		
CRHO =	0.0000E+00		LDUPRBND=	233.2		LDLWRBND=	153.2		LQVISPNT=	0.2050E-03		LQVISTMP=	233.2		
AVIS =	-10.75		BVIS =	525.0		LVUPRBND=	233.2		LVLWRBND=	173.2		LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	2973.		LQHTCPTM=	293.2		AHC =	-95.88		BHC =	10.47		LHCUPBND=	323.2		
LHCLOBND=	223.2		SURFTENS=	0.1600E-01		SFTNTEMP=	226.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	235.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	8.955		
BVP =	813.2		CVP =	-25.16		VPUPRBND=	247.2		VPLWRBND=	123.2		AVCP =	4271.		
BVCP =	255.0		CVCP =	-0.7536E-01		DVCP =	0.0000E+00		VHCUPBND=	300.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.4262E+06		HTCOMBTN=	-0.4601E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.800		UPFLMLIM=	8.400		BURNRATE=	0.1367E-03		
TOXINHAL=	1000.		INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=	2419.	(E)	MOLRATIO=	1.000	(E)	AIRFUEL =	17.16	(E)	FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LPO CHEMNAME = LAUROYL PEROXIDE PATHCODE = II Z

MOLECWT =	399.0	NBP =		NFP =	327.0	CRITTEMP=		CRITPRES=	
DENSITY =	910.0	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3800E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LRM CHEMNAME = LAURYL MERCAPTAN PATHCODE = A T U

MOLECWT =	202.0		NBP =			NFP =	266.2		CRITTEMP=			CRITPRES=			
DENSITY =	850.0		DENSTEMP=	288.2		SHPSTATE=L			ARHO =	1095.		BRHO =	-0.8500		
CRHO =	0.0000E+00		LDUPRBND=	293.2		LDLWRBND=	283.2		LQVISPNT=	0.3000E-02		LQVISTMP=	293.2		
AVIS =	-12.28		BVIS =	1900.		LVUPRBND=	373.2		LVLWRBND=	283.2		LQTHRCND=	0.1500		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0		(E
LQHTCPPT=	2200.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2200.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0		(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.790		(E
BVP =	2630.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	303.0	(E)	VPLWRBND=	283.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.2500E+06	(E)	HTCOMBTN=	-0.4220E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LTA CHEMNAME = LACTIC ACID PATHCODE = A P

MOLECWT =	90.00	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1200.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1493. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.4050E-01	LQVISTMP=	298.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2319.	LQHTCPTM=	290.1	AHC =	1227.	BHC =	3.768	LHCUPBND=	303.1
LHCLOBND=	283.1	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1520E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LTC CHEMNAME = LEAD THIOCYANATE PATHCODE = II

MOLECWT =	323.4	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3820.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.4400	SOLUBTMP=	291.1	A =	-5.383	B =	0.2000E-01	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1400E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LTH CHEMNAME = LITHARGE PATHCODE = II

MOLECWT =	223.2	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	9500.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	0.6800E-02	SOLUBTMP=	291.1	A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.2000E-01	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LTM CHEMNAME = LITHIUM, METALLIC PATHCODE = RR

MOLECWT =	6.939	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	530.0	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4300E+08	HTDECOMP=		HTSOLUTN=	-0.7330E+08
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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LTT CHEMNAME = LEAD TETRAACETATE PATHCODE = RR

MOLECWT =	443.4	NBP =		NFP =	448.0	CRITTEMP=		CRITPRES=	
DENSITY =	2200.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1000E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MAA CHEMNAME = METHYL AMYL ALCOHOL PATHCODE = A P Q T U

MOLECWT =	102.2	NBP =	405.0	NFP =	183.0	(E)	CRITTEMP=	564.0		CRITPRES=					
DENSITY =	807.0	DENSTEMP=	293.2	SHPSTATE=L			ARHO =	1158.		BRHO =	-1.200				
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2		LQVISPNT=	0.3800E-02		LQVISTMP=	298.2				
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500	(E			
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2177.	LQHTCPTM=	293.2	AHC =	949.7		BHC =	4.187		LHCUPBND=	303.2				
LHCLOBND=	273.2	SURFTENS=	0.2280E-01	SFTNTEMP=	293.2		INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0	(E			
SOLUBPNT=	1.700	SOLUBTMP=	293.2	A =			B =			AVP =	10.61				
BVP =	2234.	CVP =	-6.260	VPUPRBND=	423.2		VPLWRBND=	283.2		AVCP =	7063.				
BVCP =	640.6	CVCP =	-0.3643	DVCP =	0.8206E-04		VHCUPBND=	600.0		VHCLOBND=	250.0				
HTFUSION=		LHTVAPOR=	0.3772E+06	HTCOMBTN=	-0.2590E+08	(E)	HTDECOMP=			HTSOLUTN=					
HTREACTN=		HTPOLYMR=		LCFLMLIM=	1.000		UPFLMLIM=	5.500		BURNRATE=					
TOXINHAL=	25.00	INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02				
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=					
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MAC CHEMNAME = METHYL AMYL ACETATE PATHCODE = A T U

MOLECWT =	144.2		NBP =	419.4		NFP =	209.4		CRITTEMP=	592.0		CRITPRES=	0.2600E+07		
DENSITY =	860.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1141.		BRHO =	-0.9600		
CRHO =	0.0000E+00		LDUPRBND=	333.2		LDLWRBND=	273.2		LQVISPNT=	0.1750E-02	(E)	LQVISTMP=	298.0		(E
AVIS =	-13.40	(E)	BVIS =	2100.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	278.0	(E)	LQTHRCND=	0.1500		(E
LTHCNTMP=	298.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	278.0		(E
LQHTCPPT=	2052.		LQHTCPTM=	293.2		AHC =	824.1		BHC =	4.187		LHCUPBND=	313.2		
LHCLOBND=	273.2		SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	298.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	298.0		(E
SOLUBPNT=	0.1000		SOLUBTMP=	293.2		A =			B =			AVP =	9.143		
BVP =	1449.		CVP =	-69.16		VPUPRBND=	383.2		VPLWRBND=	283.2		AVCP =	-6196.		
BVCP =	778.7		CVCP =	-0.4007		DVCP =	0.5862E-04		VHCUPBND=	300.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.5233E+06		HTCOMBTN=	-0.3350E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.9000		UPFLMLIM=	5.700		BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MAL CHEMNAME = METHYL ALCOHOL PATHCODE = A P Q R S

MOLECWT =	32.04	NBP =	337.7	NFP =	175.4	CRITTEMP=	513.0	CRITPRES=	0.7870E+07
DENSITY =	792.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1061.	BRHO =	-0.9200
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	263.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LOTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2470.	LQHTCPTM=	293.2	AHC =	-1457.	BHC =	13.40	LHCUPBND=	373.2
LHCLOBND=	288.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.93
BVP =	2002.	CVP =	0.4004E-01	VPUPRBND=	353.2	VPLWRBND=	263.2	AVCP =	0.1645E+05
BVCP =	74.11	CVCP =	0.3349E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.9923E+05	LHTVAPOR=	0.1100E+07	HTCOMBTN=	-0.1958E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	6.000	UPFLMLIM=	36.50	BURNRATE=	0.2833E-04
TOXINHAL=	200.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MAM CHEMNAME = METHYL ACRYLATE PATHCODE = A P Q R S Z

MOLECWT =	86.09	NBP =	353.8	NFP =	196.7	CRITTEMP=	536.2	CRITPRES=	0.4300E+07		
DENSITY =	956.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1308.	BRHO =	-1.200		
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	273.2	LQVISPNT=	0.4800E-03	LQVISTMP=	293.2		
AVIS =	-11.33	BVIS =	1086.	LVUPRBND=	363.2	LVLWRBND=	263.2	LQTHRCND=	0.1617		
LTHCNTMP=	293.2	ACON =	0.3151	BCON =	-0.5233E-03	LTCUPBND=	373.2	LTCLOBND=	253.2		
LQHTCPPT=	1876.	LQHTCPTM=	293.2	AHC =	1178.	BHC =	2.386	LHCUPBND=	353.2		
LHCLOBND=	253.2	SURFTENS=	0.2420E-01	SFTNTEMP=	293.2	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	5.500	SOLUBTMP=	293.2	A =		B =		AVP =	9.121		
BVP =	1211.	CVP =	-59.16	VPUPRBND=	393.2	VPLWRBND=	273.2	AVCP =	0.1516E+05		
BVCP =	279.3	CVCP =	-0.8792E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3768E+06	HTCOMBTN=	-0.2300E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=	-0.9127E+06	LOFLMLIM=	2.800	UPFLMLIM=	25.00	BURNRATE=			
TOXINHAL=	10.00	INHALCNC=	25.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MAN CHEMNAME = N-METHYLANILINE PATHCODE = A T U X Y

MOLECWT =	107.2	NBP =	469.1	NFP =	216.0	CRITTEMP=	701.0	CRITPRES=	0.5200E+07
DENSITY =	989.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1224.	BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.2360E-02	LQVISTMP=	293.1
AVIS =	-13.48	BVIS =	2178.	LVUPRBND=	323.1	LVLWRBND=	283.1	LQTHRCND=	0.1849
LTHCNTMP=	293.1	ACON =	0.1849	BCON =	0.0000E+00	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=	2135.	LQHTCPTM=	293.1	AHC =	2135.	BHC =	0.0000E+00	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.3960E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.207
BVP =	1631.	CVP =	-80.65	VPUPRBND=	480.1	VPLWRBND=	320.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.4200E+06	HTCOMBTN=	-0.3801E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6096E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MAP CHEMNAME = METHYLACETYLENE - PROPADIENE MIXTURE PATHCODE = A B C D E F G

MOLECWT =	40.10	NBP =	244.0	(E)	NFP =			CRITTEMP=				CRITPRES=			
DENSITY =	576.0	DENSTEMP=	288.1		SHPSTATE=L			ARHO =	1037.			BRHO =	-1.600		
CRHO =	0.0000E+00	LDUPRBND=	293.1		LDLWRBND=	233.1		LQVISPNT=				LQVISTMP=			
AVIS =		BVIS =			LVUPRBND=			LVLWRBND=				LQTHRCND=	0.1163	(E	
LTHCNTMP=	273.1	ACON =	0.1163	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	283.1			LTCLOBND=	263.1		
LQHTCPPT=	1507.	LQHTCPTM=	294.1		AHC =	279.9	(E)	BHC =	4.187		(E)	LHCUPBND=	294.1		
LHCLOBND=	253.1	SURFTENS=	0.1800E-01		SFTNTEMP=	249.1		INTFTENS=				INTFTTMP=			
SOLUBPNT=		SOLUBTMP=			A =			B =				AVP =	9.146		
BVP =	962.0	CVP =	-0.1500		VFUPRBND=	293.1		VPLWRBND=	243.1			AVCP =	0.2487E+05		
BVCP =	111.8	CVCP =	0.0000E+00		DVCP =	0.0000E+00		VHCUPBND=	600.0			VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.5280E+06		HTCOMBTN=	-0.4600E+08		HTDECOMP=				HTSOLUTN=			
HTREACTN=		HTPOLYMR=			LOFLMLIM=	3.000		UPFLMLIM=	11.00			BURNRATE=			
TOXINHAL=	1000.	INHALCNC=			INHALTME=			LOTOXLIM=				UPTOXLIM=			
LATETOX =		ABFLMTMP=			MOLRATIO=	1.000	(E)	AIRFUEL =	13.69		(E)	FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MAT CHEMNAME = MERCURIC ACETATE PATHCODE = SS

MOLECWT =	318.7	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	3270.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	25.00	SOLUBTMP=	283.1	A =	B =	AVP =
BVP =		CVP =		VFUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBSTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.3500E-02	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MBK CHEMNAME = METHYL N-BUTYL KETONE PATHCODE = A P Q T U

MOLECWT =	100.2	NBP =	400.0	NFP =	216.3	CRITTEMP=			CRITPRES=		
DENSITY =	810.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1103.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.6260E-03		LQVISTMP=	293.1	
AVIS =	-11.52	BVIS =	1215.	LVUPRBND=	303.1	LVLWRBND=	283.1		LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	303.1		LTCLOBND=	273.1	
LQHTCPPT=	2303.	LQHTCPTM=	293.1	AHC =	2303.	BHC =	0.0000E+00		LHCUPBND=	313.1	
LHCLOBND=	273.1	SURFTENS=	0.2549E-01	SFTNTEMP=	293.1	INTFTENS=	0.9730E-02		INTFTTMP=	293.1	
SOLUBPNT=	1.400	SOLUBTMP=	293.1	A =		B =			AVP =	9.673	
BVP =	1867.	CVP =	-0.1500	VFUPRBND=	400.1	VPLWRBND=	288.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.3400E+06	HTCOMBTN=	-0.3740E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.300	UPFLMLIM=	8.000		BURNRATE=	0.8016E-04	
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCA CHEMNAME = MONOCHLOROACETIC ACID PATHCODE = A P

MOLECWT =	94.50	NBP =	462.0	NFP =	333.0	CRITTEMP=		CRITPRES=	
DENSITY =	1580.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =	1776.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	453.1	LDLWRBND=	333.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.3300E-01	SFTNTEMP=	353.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	72.00	SOLUBTMP=	277.1	A =		B =		AVP =	11.22
BVP =	2870.	CVP =	-0.1500	VPUPRBND=	463.1	VPLWRBND=	333.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.5820E+06	HTCOMBTN=	-0.4217E+07	HTDECOMP=		HTSOLUTN=	-0.1500E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	8.000	UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCC CHEMNAME = MERCURIC AMMONIUM CHLORIDE PATHCODE = II

MOLECWT =	252.1	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	5700.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	0.1400	SOLUBTMP=	293.1	A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.4400E-02	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCF CHEMNAME = MONOCHLORODIFLUOROMETHANE PATHCODE = A C I J

MOLECWT =	86.48	NBP =	232.7	NFP =		CRITTEMP=	369.2	CRITPRES=	0.4930E+07		
DENSITY =	1410.	DENSTEMP=	233.2	SHPSTATE=L		ARHO =	2038.	BRHO =	-2.700		
CRHO =	0.0000E+00	LDUPRBND=	243.2	LDLWRBND=	193.2	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=			
LHCLOBND=		SURFTENS=	0.1500E-01(E)	SFTNTEMP=	232.0	(E)	INTFTENS=	0.5000E-01(E)	INTFTTMP=	232.0	(E
SOLUBPNT=	0.3000	SOLUBTMP=	298.2	A =		B =		AVP =	9.750		
BVP =	1104.	CVP =	0.4004E-01	VPUPRBND=	263.2	VPLWRBND=	193.2	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2340E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=	1000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCH CHEMNAME = METHYL CHLOROFORMATE PATHCODE = A O X Y

MOLECWT =	94.50		NBP =	344.0		NFP =	192.0	(E)	CRITTEMP=			CRITPRES=		
DENSITY =	1220.		DENSTEMP=	293.1		SHPSTATE=L			ARHO =	1513.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1		LDLWRBND=	273.1		LQVISPNT=	0.5700E-02	(E)	LQVISTMP=	293.1	
AVIS =	-18.81	(E)	BVIS =	4000.	(E)	LVUPRBND=	298.1		LVLWRBND=	288.1		LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1		LTCLOBND=	283.1	
LQHTCPPT=	2093.	(E)	LQHTCPTM=	293.1		AHC =	2093.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.1	
LHCLOBND=	283.1		SURFTENS=	0.2600E-01	(E)	SFTNTEMP=	293.1		INTFTENS=			INTFTTMP=		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	10.12	(E
BVP =	1760.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	348.1		VPLWRBND=	333.1		AVCP =	0.2684E+05	(E
BVCP =	143.6	(E)	CVCP =	-0.6896E-01	(E)	DVCP =	-0.3274E-04	(E)	VHCUPBND=	600.0		VHCLOBND=	250.0	
HTFUSION=			LHTVAPOR=	0.3600E+06	(E)	HTCOMBTN=	-0.1200E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.3340E-04	
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=	0.5000E-04	(E
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCL CHEMNAME = METHALLYL CHLORIDE PATHCODE = A T U V W

MOLECWT =	90.55	NBP =	345.4	NFP =	193.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	926.0	DENSTEMP=	293.1	SHPSTATE=L			ARHO =	1219.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1		LQVISPNT=			LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1279 (E
LTHCNTMP=	293.1		ACON =	0.1279	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	283.1
LQHTCPPT=	1926.	(E)	LQHTCPTM=	293.1	AHC =	698.6	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1
LHCLOBND=	283.1		SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1		INTFTENS=	0.3200E-01	(E) INTFTTMP=	293.1
SOLUBPNT=	0.1000	(E)	SOLUBTMP=	293.1	A =				B =		AVP =	9.881
BVP =	1684.		CVP =	-0.1500	VFUPRBND=	348.1			VPLWRBND=	283.1	AVCP =	0.1529E+05 (E
BVCP =	350.7	(E)	CVCP =	-0.2077	(E)	DVCP =	0.4761E-04	(E)	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=			LHTVAPOR=	0.3700E+06		HTCOMBTN=	-0.2700E+08	(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=	2.300		UPFLMLIM=	9.300	BURNRATE=	0.7348E-04
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =												

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCN CHEMNAME = MERCURIC CYANIDE PATHCODE = SS

MOLECWT =	252.6	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	4000.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	11.10	SOLUBTMP=	298.1	A =	-42.67	B =	0.1800	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4400E-02	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCP CHEMNAME = METHYLCYCLOPENTANE PATHCODE = A T U V W

MOLECWT =	84.20	NBP =	345.0	NFP =	131.0	CRITTEMP=	532.8	CRITPRES=	0.3790E+07		
DENSITY =	749.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1042.	BRHO =	-1.000		
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.5070E-03	LQVISTMP=	293.1		
AVIS =	-11.04	BVIS =	1010.	LVUPRBND=	323.1	LVLWRBND=	263.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	288.1
LQHTCPPT=	2261.	LQHTCPTM=	293.1	AHC =	1279.	BHC =	3.349	LHCUPBND=	303.1		
LHCLOBND=	273.1	SURFTENS=	0.2160E-01	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01	(E)	INTFTTMP=	293.1	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.797		
BVP =	1653.	CVP =	-0.1500	VFUPRBND=	348.1	VPLWRBND=	283.1	AVCP =	-0.1043E+05		
BVCP =	404.0	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	280.0		
HTFUSION=		LHTVAPOR=	0.3800E+06	HTCOMBTN=	-0.4400E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	(E)	UPFLMLIM=	8.700	(E)	BURNRATE=	0.1186E-03
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCR CHEMNAME = MERCURY PATHCODE = A X

MOLECWT =	200.6	NBP =	630.0	NFP =	234.3	CRITTEMP=	1735.	CRITPRES=	0.1608E+09
DENSITY =	0.1355E+05	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	0.1428E+05	BRHO =	-2.500
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	253.2	LQVISPNT=	0.1550E-02	LQVISTMP=	293.2
AVIS =	-7.590	BVIS =	328.0	LVUPRBND=	313.2	LVLWRBND=	253.2	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	140.3	LQHTCPTM=	293.2	AHC =	140.3	BHC =	0.0000E+00	LHCUPBND=	313.2
LHCLOBND=	273.2	SURFTENS=	0.4700	SFTNTEMP=	293.2	INTFTENS=	0.3750	INTFTTMP=	293.2
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.25
BVP =	3239.	CVP =	0.4004E-01	VFUPRBND=	333.2	VPLWRBND=	263.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5600E-02	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCS CHEMNAME = METHYLDICHLOROSILANE PATHCODE = A O

MOLECWT =	115.0	NBP =	314.7	NFP =	180.0	CRITTEMP=		CRITPRES=			
DENSITY =	1110.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1403.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.5700E-02	(E)	LQVISTMP=	293.1
AVIS =	-18.81	(E)	BVIS =	4000.	(E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1628	(E
LTHCNTMP=	293.1	ACON =	0.1628	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	283.1
LQHTCPPT=	1465.	(E)	LQHTCPTM=	293.1	AHC =	1465.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.1
LHCLOBND=	283.1	SURFTENS=	0.3500E-01	(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.740
BVP =	1490.	CVP =	-0.1500	VPUPRBND=	318.1	VPLWRBND=	293.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.2500E+06	HTCOMBTN=	-0.1100E+08	(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	6.000	UPFLMLIM=	55.00	BURNRATE=	0.5010E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MCT CHEMNAME = METHYLCYCLOPENTADIENYLMANGANESE TRICARB- PATHCODE = A X Y

MOLECWT =	218.1	NBP =	506.0	NFP =	274.0	CRITTEMP=				CRITPRES=	
DENSITY =	1390.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1683.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	274.1	LQVISPNT=				LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=				LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=				LTCLOBND=	
LQHTCPPT=	1256.	(E) LQHTCPTM=	293.1	AHC =	1256.	(E) BHC =	0.0000E+00(E)		LHCUPBND=	303.1	
LHCLOBND=	283.1	SURFTENS=		SFTNTEMP=		INTFTENS=				INTFTTMP=	
SOLUBPNT=	0.7000E-02	SOLUBTMP=	298.1	A =		B =				AVP =	11.37
BVP =	3088.	CVP =	-0.1500	VFUPRBND=	373.1	VPLWRBND=	288.1			AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=				VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2300E+08(E)	HTDECOMP=				HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=				BURNRATE=	
TOXINHAL=	0.1000	INHALCNC=		INHALTME=		LOTOXLIM=				UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MEA CHEMNAME = MONOETHANOLAMINE PATHCODE = A P Q

MOLECWT =	61.08	NBP =	443.0	NFP =	283.5	CRITTEMP=	614.0	CRITPRES=	0.4450E+07
DENSITY =	1016.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1261.	BRHO =	-0.8400
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	283.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2349.	LQHTCPTM=	303.2	AHC =	1075.	BHC =	4.187	LHCUPBND=	303.2
LHCLOBND=	283.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.70
BVP =	2962.	CVP =	0.4004E-01	VFUPRBND=	423.2	VPLWRBND=	284.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.8374E+06	HTCOMBTN=	-0.2360E+08(E)	HTDECOMP=		HTSOLUTN=	-0.4000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	3.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

HAZARD ASSESSMENT COMPUTER SYSTEM (HACS) DATE 12/07/76 TIME 01/08/27 PAGE102/A

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MEK CHEMNAME = METHYL ETHYL KETONE PATHCODE = A P Q R S

MOLECWT =	72.11	NBP =	352.8	NFP =	186.9	CRITTEMP=	535.7	CRITPRES=	0.4150E+07
DENSITY =	806.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1099.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2194.	LQHTCPTM=	293.2	AHC =	1703.	BHC =	1.675	LHCUPBND=	313.2
LHCLOBND=	233.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	27.00	SOLUBTMP=	293.2	A =		B =		AVP =	9.104
BVP =	1216.	CVP =	-55.86	VPUPRBND=	393.2	VPLWRBND=	253.2	AVCP =	2931.
BVCP =	459.3	CVCP =	-0.2135	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1043E+06	LHTVAPOR=	0.4438E+06	HTCOMBTN=	-0.3136E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	11.50	BURNRATE=	0.6833E-04
TOXINHAL=	200.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MEP CHEMNAME = METHYLETHYLPYRIDINE PATHCODE = A P Q T U

MOLECWT =	121.2		NBP =	451.0		NFP =	202.9		CRITTEMP=			CRITPRES=		
DENSITY =	922.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1215.		BRHO =	-1.0000	
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	283.2		LQVISPNT=	0.2000E-02	(E)	LQVISTMP=	293.0	(E
AVIS =	-13.40	(E)	BVIS =	2100.	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	283.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=	1.200		SOLUBTMP=	293.2		A =			B =			AVP =	9.773	(E
BVP =	2150.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=	0.3400E+06	(E)	HTCOMBTN=	-0.3890E+08	(E)	HTDECOMP=			HTSOLUTN=	-0.3000E+05	(E
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.100		UPFLMLIM=	6.600		BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MFA CHEMNAME = MOTOR FUEL ANTI-KNOCK COMPOUNDS CONTAINI PATHCODE = A X Y

MOLECWT =			NBP =	367.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	1500.	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	780.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LOVISPNT=	0.5800E-02	(E)	LOVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	283.0	(E)	LOTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4500E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.641	(E	
BVP =	2086.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =	0.1990E+05	(E	
BVCP =	1073.	(E)	CVCP =	-0.6010	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2350E+06	(E)	HTCOMBTN=	-0.4240E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

MFM CHEMNAME = METHYL FORMATE PATHCODE = A P Q R S

MOLECWT =	60.10	NBP =	305.0	NFP =	173.4	CRITTEMP=	487.0		CRITPRES=	0.6000E+07	
DENSITY =	974.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1382.	(E)	BRHO =	-1.400	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3560E-03		LQVISTMP=	293.1	
AVIS =	-10.68	BVIS =	804.0	LVUPRBND=	313.1	LVLWRBND=	273.1		LQTHRCND=	0.1896	
LTHCNTMP=	303.1	ACON =	0.2601	BCON =	-0.2326E-03	LTCUPBND=	303.1		LTCLOBND=	273.1	
LQHTCPPT=	2156.	LQHTCPTM=	293.1	AHC =	2156.	BHC =	0.0000E+00		LHCUPBND=	303.1	
LHCLOBND=	273.1	SURFTENS=	0.2500E-01	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=	30.00	SOLUBTMP=	293.1	A =		B =			AVP =	10.04	
BVP =	1537.	CVP =	-0.1500	VPUPRBND=	308.1	VPLWRBND=	253.1		AVCP =	8433.	(E
BVCP =	234.7	(E) CVCP =	-0.1427	(E) DVCP =	0.3358E-04(E)	VHCUPBND=	550.0		VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.4690E+06	HTCOMBTN=	-0.1620E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	5.000	UPFLMLIM=	22.70		BURNRATE=	0.4175E-04	
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MGX CHEMNAME = MAGNESIUM PATHCODE = II

MOLECWT =	24.30	NBP =	1373.	NFP =	923.0	CRITTEMP=		CRITPRES=	
DENSITY =	1740.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2780E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MHZ CHEMNAME = METHYLHYDRAZINE PATHCODE = A P Q R S

MOLECWT =	46.10	NBP =	360.7	NFP =	220.8	CRITTEMP=	585.0	CRITPRES=	0.8250E+07
DENSITY =	878.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1171.	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.8700E-03	LQVISTMP=	293.1
AVIS =	-12.82	BVIS =	1692.	LVUPRBND=	313.1	LVLWRBND=	253.1	LQTHRCND=	0.2500
LTHCNTMP=	293.1	ACON =	0.3385	BCON =	-0.3024E-03	LTCUPBND=	333.1	LTCLOBND=	253.1
LQHTCPPT=	2931.	LQHTCPTM=	293.1	AHC =	2563.	BHC =	1.256	LHCUPBND=	313.1
LHCLOBND=	253.1	SURFTENS=	0.3430E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.66
BVP =	2040.	CVP =	-0.1500	VFUPRBND=	363.1	VPLWRBND=	283.1	AVCP =	0.2868E+05
BVCP =	144.4	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.8750E+06	HTCOMBTN=	-0.2831E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.500	UPFLMLIM=	98.00	BURNRATE=	0.3340E-04
TOXINHAL=	0.2000	INHALCNC=	90.00	INHALTME=	600.0	LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MIC CHEMNAME = METHYL ISOBUTYL CARBINOL PATHCODE = A P O T U

MOLECWT =	102.2	NBP =	405.0	NFP =	183.0	(E)	CRITTEMP=	564.0		CRITPRES=					
DENSITY =	807.0	DENSTEMP=	293.2	SHPSTATE=L			ARHO =	1158.		BRHO =	-1.200				
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2		LQVISPNT=			LQVISTMP=					
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1600	(E			
LTHCNTMP=	293.0	(E)	ACON =	0.1600	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	278.0	(E	
LQHTCPPT=	2177.	LQHTCPTM=	293.2	AHC =	949.7		BHC =	4.187		LHCUPBND=	303.2				
LHCLOBND=	273.2	SURFTENS=	0.2280E-01	SFTNTEMP=	293.2		INTFTENS=	0.2500E-01	(E)	INTFTTMP=	293.0	(E			
SOLUBPNT=	1.600	SOLUBTMP=	293.2	A =			B =			AVP =	10.61				
BVP =	2234.	CVP =	-6.260	VPUPRBND=	423.2		VPLWRBND=	283.2		AVCP =	7063.				
BVCP =	640.6	CVCP =	-0.3643	DVCP =	0.8206E-04		VHCUPBND=	600.0		VHCLOBND=	250.0				
HTFUSION=		LHTVAPOR=	0.3772E+06	HTCOMBTN=	-0.3870E+08	(E)	HTDECOMP=			HTSOLUTN=					
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.000		UPFLMLIM=	5.500		BURNRATE=					
TOXINHAL=	25.00	INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02				
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=					
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MID CHEMNAME = MERCURIC IODIDE PATHCODE = II

MOLECWT =	454.9	NBP =	627.0	NFP =	530.0	CRITTEMP=		CRITPRES=	
DENSITY =	6300.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.4700E-02	SOLUBTMP=	290.6	A =	-0.6791E-01	B =	0.2500E-03	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2500E-02	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MIK CHEMNAME = METHYL ISOBUTYL KETONE PATHCODE = A P Q T U

MOLECWT =	100.2	NBP =	389.4	NFP =	189.0	CRITTEMP=	571.5	CRITPRES=	0.3270E+07		
DENSITY =	802.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1078.	BRHO =	-0.9400		
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=	0.3800E-02	LQVISTMP=	298.2		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1909.	LQHTCPTM=	293.2	AHC =	1234.	BHC =	2.303	LHCUPBND=	373.2		
LHCLOBND=	233.2	SURFTENS=	0.2360E-01	SFTNTEMP=	293.2	INTFTENS=	0.1500E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	2.000	SOLUBTMP=	293.2	A =		B =		AVP =	8.950		
BVP =	1257.	CVP =	-70.76	VFUPRBND=	423.2	VPLWRBND=	273.2	AVCP =	-1256.		
BVCP =	590.3	CVCP =	-0.3433	DVCP =	0.7955E-04	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3454E+06	HTCOMBTN=	-0.2420E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400	UPFLMLIM=	7.500	BURNRATE=			
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MLA CHEMNAME = MALEIC ANHYDRIDE PATHCODE = RR

MOLECWT =	98.06	NBP =	473.0	NFP =	326.0	CRITTEMP=		CRITPRES=	
DENSITY =	1430.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1381E+08	HTDECOMP=		HTSOLUTN=	-0.3559E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400	UPFLMLIM=	7.100	BURNRATE=	0.2333E-04
TOXINHAL=	0.2500	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MLH CHEMNAME = MALEIC HYDRAZIDE PATHCODE = II

MOLECWT =	112.1	NBP =		NFP =	565.0	CRITTEMP=		CRITPRES=	
DENSITY =	1600.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6000	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1900E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MLI CHEMNAME = MALEIC ACID PATHCODE = SS

MOLECWT =	116.1	NBP =		NFP =	403.0	CRITTEMP=		CRITPRES=	
DENSITY =	1590.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	79.00	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1170E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MLT CHEMNAME = MALATHION PATHCODE = A X Y

MOLECWT =	330.4	NBP =		NFP =	276.0	CRITTEMP=		CRITPRES=	
DENSITY =	1235.	DENSTEMP=	298.2	SHPSTATE=L		ARHO =	1235. (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	313.0 (E)	LDLWRBND=	298.0 (E)	LQVISPNT=	0.3680E-01	LQVISTMP=	298.2
AVIS =	-18.73	BVIS =	4600.	LVUPRBND=	323.2	LVLWRBND=	293.2	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2000. (E)	LQHTCPTM=	298.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	313.0 (E
LHCLOBND=	298.0 (E)	SURFTENS=	0.2000E-01(E)	SFTNTEMP=	298.0 (E)	INTFTENS=	0.4000E-01(E)	INTFTTMP=	298.0 (E
SOLUBPNT=	0.1450E-01	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1760E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.6800	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MMC CHEMNAME = METHYL MERCAPTAN PATHCODE = A B C K L M N

MOLECWT =	48.10	NBP =	279.4	NFP =	150.0	CRITTEMP=	70.0	CRITPRES=	0.7250E+07
DENSITY =	892.0	DENSTEMP=	279.1	SHPSTATE=L		ARHO =	1282	BRHO =	-1.400
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	253.1	LQVISPNT=	0.1980E-03	LQVISTMP=	279.1
AVIS =	-9.916	BVIS =	387.0	LVUPRBND=	313.1	LVLWRBND=	233.1	LQTHRCND=	0.1651
LTHCNTMP=	279.1	ACON =	0.4017	BCON =	-0.8490E-03	LTCUPBND=	313.1	LTCLOBND=	253.1
LQHTCPPT=	1846.	LQHTCPTM=	279.1	AHC =	1556.	BHC =	1.047	LHCUPBND=	313.1
LHCLOBND=	253.1	SURFTENS=	0.3100E-01	SFTNTEMP=	278.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	2.400	SOLUBTMP=	288.1	A =		B =		AVP =	10.13
BVP =	1432.	CVP =	-0.1500	VPUPRBND=	293.1	VPLWRBND=	233.1	AVCP =	0.2626E+05
BVCP =	80.81	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.5100E+06	HTCOMBTN=	-0.2570E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.900	UPFLMLIM=	21.80	BURNRATE=	0.6346E-04
TOXINHAL=	0.5000	INHALCNC=	20.00	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	1.000 (E)	AIRFUEL =	8.562 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MMM CHEMNAME = METHYL METHACRYLATE PATHCODE = A P O R S Z

MOLECWT =	100.1	NBP =	374.2	NFP =	225.0	CRITTEMP=	567.0	CRITPRES=	0.3300E+07		
DENSITY =	945.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1268.	BRHO =	-1.100		
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=	0.5600E-03	LQVISTMP=	293.2		
AVIS =	-11.33	BVIS =	1131.	LVUPRBND=	333.2	LVLWRBND=	273.2	LQTHRCND=	0.1605		
LTHCNTMP=	293.2	ACON =	0.3107	BCON =	-0.5117E-03	LTCUPBND=	373.2	LTCLOBND=	263.2		
LQHTCPPT=	1871.	LQHTCPTM=	293.2	AHC =	1196.	BHC =	2.303	LHCUPBND=	373.2		
LHCLOBND=	263.2	SURFTENS=	0.2800E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	1.500	SOLUBTMP=	293.2	A =		B =		AVP =	9.037		
BVP =	1290.	CVP =	-55.16	VFUPRBND=	413.2	VPLWRBND=	263.2	AVCP =	0.1306E+05		
BVCP =	544.3	CVCP =	-0.2763	DVCP =	0.3266E-04	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3224E+06	HTCOMBTN=	-0.2640E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=	-0.5778E+06	LOFLMLIM=	2.100	UPFLMLIM=	12.50	BURNRATE=			
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MNS CHEMNAME = MINERAL SPIRITS PATHCODE = A T U

MOLECWT =			NBP =	428.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	780.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	780.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4500E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.641	(E	
BVP =	2086.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =	0.1990E+05	(E	
BVCP =	1073.	(E)	CVCP =	-0.6010	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2350E+06	(E)	HTCOMBTN=	-0.4240E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.8000		UPFLMLIM=	5.000		BURNRATE=	0.6667E-04		
TOXINHAL=	200.0		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MNT CHEMNAME = MERCURIC NITRATE PATHCODE = SS

MOLECWT =	342.6	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	4300.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.3300E-02	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MOC CHEMNAME = METHOXYCHLOR PATHCODE = II

MOLECWT =	345.7	NBP =		NFP =	356.0	(E) CRITTEMP=		CRITPRES=	
DENSITY =	1410.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1000E-04	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.6500	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MOX CHEMNAME = MERCURIC OXIDE PATHCODE = II

MOLECWT =	216.6	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	0.1110E+05	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5200E-02	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MPA CHEMNAME = MONOISOPROPANOLAMINE PATHCODE = A P O

MOLECWT =	75.11	NBP =	433.0	NFP =	275.1	CRITTEMP=	601.0	CRITPRES=	0.5900E+07
DENSITY =	961.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1201.	BRHO =	-0.8200
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	278.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2847.	LQHTCPTM=	293.2	AHC =	1620.	BHC =	4.187	LHCUPBND=	303.2
LHCLOBND=	284.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.45
BVP =	2789.	CVP =	0.4004E-01	VFUPRBND=	423.2	VPLWRBND=	283.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.6322E+06	HTCOMBTN=	-0.3220E+08(E)	HTDECOMP=		HTSOLUTN=	-0.4000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.200	UPFLMLIM=	12.00	BURNRATE=	
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MPC CHEMNAME = MAGNESIUM PERCHLORATE PATHCODE = SS

MOLECWT =	223.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2210.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	99.10	SOLUBTMP=	293.1	A =	-12.30	B =	0.3800	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

AD-A034 607 LITTLE (ARTHUR D) INC CAMBRIDGE MASS F/G 7/2
CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
DEC 76 E ATKINSON DOT-CG-24655-A
UNCLASSIFIED USCG-D-124-76 NL

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AD-A
034 607

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MPD CHEMNAME = METHYL PHOSPHONOTHIOIC DICHLORIDE(ANHYD) PATHCODE = A O

MOLECWT =	149.0	NBP =		NFP =	247.6	CRITTEMP=		CRITPRES=	
DENSITY =	1420.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.747
BVP =	1286.	CVP =	-83.65	VFUPRBND=	333.1	VPLWRBND=	288.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MPK CHEMNAME = METHYL ISOPROPENYL KETONE, INHIBITED PATHCODE = A T U V W

MOLECWT =	84.10	NBP =	371.0	NFP =	219.0	CRITTEMP=			CRITPRES=		
DENSITY =	850.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1143.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.8200E-03	(E)	LQVISTMP=	293.1
AVIS =	-11.61	(E)	BVIS =	1320.	(E)	LVUPRBND=	298.1	LVLWRBND=	288.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	288.1
LQHTCPPT=	2010.	(E)	LQHTCPTM=	293.1	AHC =	782.3	(E)	BHC =	4.187	(E)	LHCUPBND= 303.1
LHCLOBND=	283.1	SURFTENS=	0.2600E-01	(E)	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.08		
BVP =	1884.	CVP =	-0.1500	VPUPRBND=	373.1	VPLWRBND=	283.1	AVCP =	7543.	(E	
BVCP =	429.1	(E)	CVCP =	-0.2564	(E)	DVCP =	0.5915E-04	(E)	VHCUPBND=	550.0	VHCLOBND= 250.0
HTFUSION=		LHTVAPOR=	0.4230E+06	(E)	HTCOMBTN=	-0.3600E+08	(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=	-0.8800E+06	(E)	LOFLMLIM=	1.800	UPFLMLIM=	9.000	BURNRATE=	0.7849E-04	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MPL CHEMNAME = MORPHOLINE PATHCODE = A P Q

MOLECWT =	87.12	NBP =	401.4	NFP =	268.4	CRITTEMP=	618.0	CRITPRES=	0.5470E+07
DENSITY =	1000.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1323.	BRHO =	-1.100
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2000. (E)	LQHTCPTM=	293.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.0 (E
LHCLOBND=	283.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.939 (E
BVP =	1978. (E)	CVP =	0.0000E+00(E)	VFUPRBND=	400.0 (E)	VPLWRBND=	273.0 (E)	AVCP =	0.1000E+06(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	303.0 (E)	VHCLOBND=	283.0 (E
HTFUSION=		LHTVAPOR=	0.4254E+06	HTCOMBTN=	-0.2900E+08(E)	HTDECOMP=		HTSOLUTN=	-0.3000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	10.80	BURNRATE=	
TOXINHAL=	20.00	INHALCNC=	20.00	INHALTME=	900.0	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MPT CHEMNAME = METHYL PARATHION PATHCODE = A X Y

MOLECWT =	263.2	NBP =		NFP =	291.0	CRITTEMP=		CRITPRES=	
DENSITY =	1220.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1220. (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.0 (E)	LDLWRBND=	293.0 (E)	LQVISPNT=	0.5800E-02(E)	LQVISTMP=	293.0 (E
AVIS =	-18.80 (E)	BVIS =	4000. (E)	LVUPRBND=	303.0 (E)	LVLWRBND=	293.0 (E)	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2600. (E)	LQHTCPTM=	298.0 (E)	AHC =	2600. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.0 (E
LHCLOBND=	293.0 (E)	SURFTENS=	0.3000E-01(E)	SFTNTEMP=	298.0 (E)	INTFTENS=	0.5000E-01(E)	INTFTTMP=	298.0 (E
SOLUBPNT=	0.2500E-02	SOLUBTMP=	293.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1670E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MPY CHEMNAME = 1-METHYLPYRROLIDONE PATHCODE = A P Q

MOLECWT =	99.00	NBP =	475.0	NFP =	256.0	CRITTEMP=			CRITPRES=		
DENSITY =	1030.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1323.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =		
BVP =		CVP =		VPUPRBND=		VPLWRBND=			AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3020E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MRC CHEMNAME = MERCURIC CHLORIDE PATHCODE = SS

MOLECWT =	271.5	NBP =	575.0	NFP =	550.0	CRITTEMP=		CRITPRES=	
DENSITY =	5400.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	6.500	SOLUBTMP=	293.1	A =	-37.47	B =	0.1500	AVP =	12.82
BVP =	4358.	CVP =	-0.1500	VPUPRBND=	332.1	VPLWRBND=	284.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4000E-02	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S1 SYSTEM OF UNITS

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MRN CHEMNAME = MERCUROUS NITRATE PATHCODE = II

MOLECWT =	280.6	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	4780.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.4000E-02	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MRR CHEMNAME = MERCUROUS CHLORIDE PATHCODE = II

MOLECWT =	236.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	7150.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4700E-02	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MSA CHEMNAME = METHANEARSONIC ACID, SODIUM SALTS PATHCODE = SS

MOLECWT =	200.0	(E)	NBP =		NFP =	332.0	CRITTEMP=		CRITPRES=	
DENSITY =	1500.		DENSTEMP=	293.2	SHPSTATE=L		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	
BVP =			CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MSF CHEMNAME = MERCURIC SULFIDE PATHCODE = II

MOLECWT =	232.7	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	8000.	DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VFUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	0.4800E-02	INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MSO CHEMNAME = MESITYL OXIDE PATHCODE = A P Q T U

MOLECWT =	98.20		NBP =	403.0		NFP =	227.0		CRITTEMP=			CRITPRES=	
DENSITY =	853.0		DENSTEMP=	293.1		SHPSTATE=L			ARHO =	1145.		BRHO =	-1.000
CRHO =	0.0000E+00		LDUPRBND=	313.1		LDLWRBND=	263.1		LQVISPNT=	0.6000E-03		LQVISTMP=	293.1
AVIS =	-10.39	(E)	BVIS =	870.0	(E)	LVUPRBND=	303.1		LVLWRBND=	283.1		LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1		LTCLOBND=	278.1
LQHTCPPT=	2177.		LQHTCPTM=	293.1		AHC =	2177.		BHC =	0.0000E+00		LHCUPBND=	373.1
LHCLOBND=	293.1		SURFTENS=	0.2290E-01		SFTNTEMP=	293.1		INTFTENS=			INTFTTMP=	
SOLUBPNT=	3.000		SOLUBTMP=	293.1		A =	46.97		B =	-0.1500		AVP =	10.27
BVP =	2108.		CVP =	-0.1500		VFUPRBND=	353.1		VPLWRBND=	283.1		AVCP =	
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=	
HTFUSION=			LHTVAPOR=	0.3700E+06		HTCOMBTN=	-0.3300E+08		HTDECOMP=			HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.7014E-04
TOXINHAL=	25.00		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MSR CHEMNAME = ALPHA-METHYLSTYRENE PATHCODE = A T U

MOLECWT =	118.2	NBP =	438.0	NFP =	250.0	CRITTEMP=	654.9	CRITPRES=	0.3410E+07
DENSITY =	910.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1174.	BRHO =	-0.9000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.9400E-03	LQVISTMP=	293.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.3388E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6000E-01	SOLUBTMP=	298.1	A =		B =		AVP =	10.25
BVP =	2300.	CVP =	-0.1500	VFUPRBND=	438.1	VPLWRBND=	293.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3260E+06	HTCOMBTN=	-0.4110E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.900	UPFLMLIM=	6.100	BURNRATE=	
TOXINHAL=	100.0	INHALCNC=	100.0	INHALTME=	1800	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MTA CHEMNAME = METHYLAMINE PATHCODE = A B C K L M N

MOLECWT =	31.10	NBP =	266.7	NFP =	180.7	CRITTEMP=	432.0	CRITPRES=	0.7470E+07
DENSITY =	693.0	DENSTEMP=	266.6	SHPSTATE=L		ARHO =	1013.	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	253.1	LQVISPNT=	0.2500E-03	LQVISTMP=	266.6
AVIS =	-10.76	BVIS =	656.0	LVUPRBND=	303.1	LVLWRBND=	263.1	LQTHRCND=	0.2186
LTHCNTMP=	266.6	ACON =	0.4046	BCON =	-0.6978E-03	LTCUPBND=	313.1	LTCLOBND=	253.1
LQHTCPPT=	3362.	LQHTCPTM=	266.6	AHC =	1354.	BHC =	7.536	LHCUPBND=	313.1
LHCLOBND=	253.1	SURFTENS=	0.1006	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	108.0	SOLUBTMP=	298.1	A =		B =		AVP =	10.47
BVP =	1458.	CVP =	-0.1500	VPUPRBND=	293.1	VPLWRBND=	203.1	AVCP =	0.2176E+05
BVCP =	99.94	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSICN=		LHTVAPOR=	0.8330E+06	HTCOMBTN=	-0.3490E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	4.300	UPFLMLIM=	21.00	BURNRATE=	
TOXINHAL=	10.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8125 (E)	AIRFUEL =	9.932 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MTB CHEMNAME = METHYL BROMIDE PATHCODE = A B C I J

MOLECWT =	94.95	NBP =	276.8	NFP =	180.0	CRITTEMP=	464.0	CRITPRES=	
DENSITY =	1680.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2440.	BRHO =	-2.600
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	833.2	LQHTCPTM=	293.2	AHC =	714.6	BHC =	0.4187	LHCUPBND=	313.2
LHCLOBND=	233.2	SURFTENS=	0.2450E-01	SFTNTEMP=	288.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.9000E-01	SOLUBTMP=	293.2	A =		B =		AVP =	9.085
BVP =	986.6	CVP =	-34.86	VFUPRBND=	326.2	VPLWRBND=	215.2	AVCP =	0.1721E+05
BVCP =	92.74	CVCP =	-0.2721E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2500E+06	HTCOMBTN=	-0.7415E+07	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	10.00	UPFLMLIM=	15.00	BURNRATE=	
TOXINHAL=	15.00	INHALCNC=	20.00	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MTC CHEMNAME = METHYL CHLORIDE PATHCODE = A B C D E F G

MOLECWT =	50.49	NBP =	249.0	NFP =	175.5	CRITTEMP=	416.8	CRITPRES=	0.6680E+07		
DENSITY =	997.0	DENSTEMP=	244.2	SHPSTATE=L		ARHO =	1446.	BRHO =	-1.800		
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	243.2	LQVISPNT=	0.3100E-03	LQVISTMP=	249.2		
AVIS =	-9.668	BVIS =	396.0	LVUPRBND=	353.2	LVLWRBND=	233.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1608.	LQHTCPTM=	293.2	AHC =	1055.	BHC =	1.884	LHCUPBND=	373.2		
LHCLOBND=	223.2	SURFTENS=	0.1620E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	249.0	(E	
SOLUBPNT=	0.6000	SOLUBTMP=	293.2	A =		B =		AVP =	9.606		
BVP =	1148.	CVP =	0.4004E-01	VFUPRBND=	293.2	VPLWRBND=	223.2	AVCP =	0.1691E+05		
BVCP =	84.99	CVCP =	-0.1675E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4241E+06	HTCOMBTN=	-0.1230E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	8.100	UPFLMLIM=	17.20	BURNRATE=	0.3667E-04		
TOXINHAL=	100.0	INHALCNC=	100.0	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8333	(E) AIRFUEL =	4.078	(E) FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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MTF CHEMNAME = METHYL FORMAL PATHCODE = A P O R S

MOLECWT =	76.10	NBP =	315.0	NFP =	168.0	CRITTEMP=	488.0		CRITPRES=		
DENSITY =	860.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1135.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.3500E-03		LQVISTMP=	293.1	
AVIS =	-9.966	BVIS =	586.0	LVUPRBND=	313.1	LVLWRBND=	273.1		LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=	2177.	LQHTCPTM=	293.1	AHC =	949.8	(E) BHC =	4.187	(E)	LHCUPBND=	303.1	
LHCLOBND=	273.1	SURFTENS=	0.2110E-01	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=	32.00	SOLUBTMP=	289.1	A =		B =			AVP =	9.974	
BVP =	1565.	CVP =	-0.1500	VFUPRBND=	318.1	VPLWRBND=	273.1		AVCP =	0.3058E+05(E	
BVCP =	268.1	(E) CVCP =	-0.8344E-01(E)	DVCP =	-0.2470E-05(E)	VHCUPBND=	500.0		VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.3760E+06	HTCOMBTN=	-0.2550E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.600	UPFLMLIM=	17.60		BURNRATE=	0.9185E-04	
TOXINHAL=	1000.	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MTH CHEMNAME = METHANE PATHCODE = A B C D E F G

MOLECWT =	16.04	NBP =	111.7	NFP =	90.70	CRITTEMP=	190.7	CRITPRES=	0.4600E+07		
DENSITY =	422.0	DENSTEMP=	113.2	SHPSTATE=L		ARHO =	580.4	BRHO =	-1.400		
CRHO =	0.0000E+00	LDUPRBND=	123.2	LDLWRBND=	93.16	LQVISPNT=	0.1350E-03	LQVISTMP=	113.2		
AVIS =	-12.71	BVIS =	430.0	LVUPRBND=	153.2	LVLWRBND=	93.16	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	3517.	LQHTCPTM=	113.2	AHC =	2491.	BHC =	9.211	LHCUPBND=	143.2		
LHCLOBND=	93.16	SURFTENS=	0.1400E-01	SFTNTEMP=	112.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	112.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.737		
BVP =	389.9	CVP =	-7.160	VPUPRBND=	123.2	VPLWRBND=	93.16	AVCP =	0.2504E+05		
BVCP =	25.33	CVCP =	0.3559E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.5104E+06	HTCOMBTN=	-0.5005E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	5.000	UPFLMLIM=	15.00	BURNRATE=	0.2083E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=	2339. (E)	MOLRATIO=	1.000 (E)	AIRFUEL =	17.16 (E)	FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MTO CHEMNAME = MOLYBDIC TRIOXIDE PATHCODE = II

MOLECWT =	143.9	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	4690.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2300	SOLUBTMP=	296.1	A =	-2.732	B =	0.1000E-01	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSICN=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.7786	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MTS CHEMNAME = METHYLTRICHLOROSILANE PATHCODE = A O

MOLECWT =	149.5	NBP =	339.6	NFP =	183.0	CRITTEMP=				CRITPRES=	
DENSITY =	1270.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1568.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-02	(E)	LQVISTMP=	293.1
AVIS =	-12.91	(E)	BVIS =	2100.	(E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1	LTCLOBND=	278.1
LQHTCPPT=	1465.	(E)	LQHTCPTM=	293.1	AHC =	1465.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 303.1
LHCLOBND=	283.1	SURFTENS=	0.2800E-01	(E)	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =		B =			AVP =	9.825
BVP =	1627.	CVP =	-0.1500		VPUPRBND=	323.1	VPLWRBND=	253.1		AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.2080E+06		HTCOMBTN=	-0.7000E+07	(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=	5.100	UPFLMLIM=	20.00	(E)	BURNRATE=	0.3173E-04
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MTT CHEMNAME = METHYL ACETATE PATHCODE = A P Q R S

MOLECWT =	74.10	NBP =	330.2	NFP =	174.7	CRITTEMP=	506.9	CRITPRES=	0.4600E+07
DENSITY =	927.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1337.	BRHO =	-1.400
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	253.1	LQVISPNT=	0.3700E-03	LQVISTMP=	293.1
AVIS =	-11.27	BVIS =	988.0	LVUPRBND=	373.1	LVLWRBND=	273.1	LQTHRCND=	0.1744
LTHCNTMP=	293.1	ACON =	0.3195	BCON =	-0.4885E-03	LTCUPBND=	353.1	LTCLOBND=	273.1
LQHTCPPT=	2085.	LQHTCPTM=	293.1	AHC =	1410.	BHC =	2.303	LHCUPBND=	313.1
LHCLOBND=	263.1	SURFTENS=	0.2400E-01	SFTNTEMP=	293.1	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	24.35	SOLUBTMP=	293.1	A =		B =		AVP =	10.29
BVP =	1744.	CVP =	-0.1500	VFUPRBND=	333.1	VPLWRBND=	273.1	AVCP =	0.2506E+05
BVCP =	180.9	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4100E+06	HTCOMBTN=	-0.2150E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.100	UPFLMLIM=	16.00	BURNRATE=	0.6179E-04
TOXINHAL=	200.0	INHALCNC=	400.0	INHALTME=	300.0	LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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MVK CHEMNAME = METHYL VINYL KETONE PATHCODE = A P Q R S

MOLECWT =	70.10	NBP =	354.6	NFP =	266.0	CRITTEMP=		CRITPRES=			
DENSITY =	864.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1157. (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.8200E-03(E)	LQVISTMP=	293.1		
AVIS =	-11.61 (E)	BVIS =	1320. (E)	LVUPRBND=	298.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1675. (E)	LQHTCPTM=	293.1	AHC =	1675. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1		
LHCLOBND=	278.1	SURFTENS=	0.2400E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.983		
BVP =	1765.	CVP =	-0.1500	VPUPRBND=	354.1	VPLWRBND=	293.1	AVCP =	7903.	(E	
BVCP =	321.4 (E)	CVCP =	-0.1845 (E)	DVCP =	0.4086E-04(E)	VHCUPBND=	550.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4730E+06(E)	HTCOMBTN=	-0.3400E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=	-0.1060E+07	LOFLMLIM=	2.100	UPFLMLIM=	15.60	BURNRATE=	0.7515E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NAA CHEMNAME = NITRILOTRIACETIC ACID AND SALTS PATHCODE = SS

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1000. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	40.00	SOLUBTMP=	298.1	A =	40.00	B =	0.0000E+00	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NAB CHEMNAME = NABAM PATHCODE = SS

MOLECWT =	256.3	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1140.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.0000E+00(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NAC CHEMNAME = NITRIC ACID PATHCODE = A P

MOLECWT =	63.01	NBP =	362.1	NFP =	227.6	CRITTEMP=				CRITPRES=	
DENSITY =	1490.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2010.			BRHO =	-1.770
CRHO =	0.0000E+00	LDUPRBND=	308.2	LDLWRBND=	273.2	LQVISPNT=				LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=				LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=				LTCLOBND=	
LQHTCPPT=	2010.	LQHTCPTM=	293.2	AHC =	782.3	BHC =	4.187			LHCUPBND=	298.2
LHCLOBND=	283.2	SURFTENS=		SFTNTEMP=		INTFTENS=				INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =				AVP =	9.550 (E
BVP =	1645. (E)	CVP =	0.0000E+00(E)	VPUPRBND=	362.0 (E)	VPLWRBND=	300.0	(E)		AVCP =	0.4180E+05(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	400.0	(E)		VHCLOBND=	300.0 (E
HTFUSION=		LHTVAPOR=	0.4982E+06	HTCOMBTN=		HTDECOMP=				HTSOLUTN=	-0.3000E+06(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=				BURNRATE=	
TOXINHAL=	2.000	INHALCNC=	15.00	INHALTME=	300.0	LOTOXLIM=	0.5000E-04			UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NAL CHEMNAME = 4-NITROANILINE PATHCODE = II

MOLECWT =	138.1	NBP =	609.0	NFP =	419.0	CRITTEMP=		CRITPRES=	
DENSITY =	1440.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2310E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NAN CHEMNAME = NONANE PATHCODE = A T U

MOLECWT =	128.3	NBP =	424.0	NFP =	219.7	CRITTEMP=	594.6	CRITPRES=	0.2310E+07
DENSITY =	718.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	967.2	BRHO =	-0.8500
CRHO =	0.0000E+00	LDUPRBND=	353.1	LDLWRBND=	253.1	LQVISPNT=	0.7200E-03	LQVISTMP=	293.1
AVIS =	-11.25	BVIS =	1177.	LVUPRBND=	323.1	LVLWRBND=	273.1	LQTHRCND=	0.1407
LTHCNTMP=	293.1	ACON =	0.2260	BCON =	-0.2908E-03	LTCUPBND=	313.1	LTCLOBND=	253.1
LQHTCPPT=	2311.	LQHTCPTM=	288.1	AHC =	1346. (E)	BHC =	3.349 (E)	LHCUPBND=	333.1
LHCLOBND=	253.1	SURFTENS=	0.2290E-01	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.27
BVP =	2234.	CVP =	-0.1500	VFUPRBND=	423.1	VPLWRBND=	293.1	AVCP =	0.4396E+05
BVCP =	563.1	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2950E+06	HTCOMBTN=	-0.4432E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8700	UPFLMLIM=	2.900	BURNRATE=	0.9686E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NAO CHEMNAME = 1-NAPHTHYLAMINE PATHCODE = II

MOLECWT =	143.2	NBP =	573.0	NFP =	322.0	(E)	CRITTEMP=		CRITPRES=
DENSITY =	1120.	DENSTEMP=	298.1	SHPSTATE=S			ARHO =		BRHO =
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=
SOLUBPNT=	0.1700	SOLUBTMP=	293.1	A =			B =		AVP =
BVP =		CVP =		VFUPRBND=			VPLWRBND=		AVCP =
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3554E+08		HTDECOMP=		HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=		UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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NAS CHEMNAME = NICKEL AMMONIUM SULFATE PATHCODE = SS

MOLECWT =	395.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1920.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	8.450	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5700E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NBR CHEMNAME = NICKEL BROMIDE PATHCODE = SS

MOLECWT =	272.6	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	4000. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	223.0	SOLUBTMP=	293.1	A =	-128.8	B =	1.200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.8200E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NCL CHEMNAME = NICKEL CHLORIDE PATHCODE = SS

MOLECWT =	237.7	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3550.	DENSTEMP=	288.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	62.00	SOLUBTMP=	293.1	A =	-58.19	B =	0.4100	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.2100E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.9400E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NCN CHEMNAME = NICKEL CYANIDE PATHCODE = II

MOLECWT =	111.0	(E)	NBP =			NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2400.		DENSTEMP=	298.1		SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=			AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6000E-02		SOLUBTMP=	291.1		A =		B =		AVP =	
BVP =			CVP =			VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=	1.010	(E)	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NCS CHEMNAME = NICOTINE SULFATE PATHCODE = SS

MOLECWT =	422.5	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1150.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NCT CHEMNAME = NAPHTHA COAL TAR PATHCODE = A T U V W

MOLECWT =			NBP =	366.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	860.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	780.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4500E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.641	(E	
BVP =	2086.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =	0.1990E+05	(E	
BVCP =	1073.	(E)	CVCP =	-0.6010	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2350E+06	(E)	HTCOMBTN=	-0.4240E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04		
TOXINHAL=	100.0		INHALCNC=	75.00		INHALTME=	1800.		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NFB CHEMNAME = NICKEL FLUOROBORATE PATHCODE = A P

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1500.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NFM CHEMNAME = NICKEL FORMATE PATHCODE = SS

MOLECWT =	184.8	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2150.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	3.250	SOLUBTMP=	293.1	A =	0.3185	B =	0.1000E-01	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1200	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NHX CHEMNAME = NEOHEXANE PATHCODE = A T U V W

MOLECWT =	86.20	NBP =	322.9	NFP =	173.3	CRITTEMP=	488.8	CRITPRES=	0.3080E+07		
DENSITY =	649.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	924.2	BRHO =	-1.000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3750E-03	LQVISTMP=	293.1		
AVIS =	-10.78	(E) BVIS =	848.0	(E) LVUPRBND=	303.1	LVLWRBND=	273.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	303.1	LTCLOBND=	283.1		
LQHTCPPT=	2160.	LQHTCPTM=	288.1	AHC =	954.0	(E) BHC =	4.187	(E) LHCUPBND=	303.1		
LHCLOBND=	273.1	SURFTENS=	0.1630E-01	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01	(E) INTFTTMP=	293.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.880		
BVP =	1081.	CVP =	-43.85	VFUPRBND=	333.1	VPLWRBND=	243.1	AVCP =	0.2198E+05		
BVCP =	402.4	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3050E+06	HTCOMBTN=	-0.4489E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	7.700	BURNRATE=	0.1536E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NIC CHEMNAME = NICOTINE PATHCODE = A P Q

MOLECWT =	162.2	NBP =	523.0	NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	1000.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1293.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	263.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00(E)	LTCUPBND=	303.1		LTCLOBND=	273.1	
LQHTCPPT=	1758.	LQHTCPTM=	293.1	AHC =	1758.	(E) BHC =	0.0000E+00(E)		LHCUPBND=	303.1	
LHCLOBND=	273.1	SURFTENS=	0.3861E-01	SFTNTEMP=	293.1	INTFTENS=	0.2000E-01(E)		INTFTTMP=	293.1	
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	9.587	
BVP =	2396.	CVP =	-0.1500	VPUPRBND=	523.1	VPLWRBND=	373.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3681E+08	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.7000	UPFLMLIM=	4.000		BURNRATE=		
TOXINHAL=	0.6900E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NKA CHEMNAME = NICKEL ACETATE PATHCODE = SS

MOLECWT =	248.9	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1740.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	17.00	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.9000E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NKC CHEMNAME = NICKEL CARBONYL PATHCODE = A X Y

MOLECWT =	170.7	NBP =	316.0	NFP =	248.0	CRITTEMP=				CRITPRES=	
DENSITY =	1320.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1613.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E) LDUPRBND=	298.1	LDLWRBND=	278.1	LQVISPNT=	0.6500E-03		LQVISTMP=	291.1	
AVIS =	-10.33	(E) BVIS =	870.0	(E) LVUPRBND=	298.1	LVLWRBND=	278.1		LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=	1214.	LQHTCPTM=	300.1	AHC =	1026.	BHC =	0.6280		LHCUPBND=	303.1	
LHCLOBND=	273.1	SURFTENS=	0.1590E-01	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=	0.1800E-01	SOLUBTMP=	282.9	A =		B =			AVP =	9.708	
BVP =	1486.	CVP =	-0.1500	VPUPRBND=	323.1	VPLWRBND=	273.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.1700E+06	HTCOMBTN=	-0.6900E+07	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.000	UPFLMLIM=			BURNRATE=	0.4509E-04	
TOXINHAL=	0.1000E-02	INHALCNC=	0.4000E-01	INHALTME=	300.0	LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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NKS CHEMNAME = NICKEL SULFATE PATHCODE = SS

MOLECWT =	154.8	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3680.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-119.9	B =	0.5400	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1450	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LAFETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NMT CHEMNAME = NITROMETHANE PATHCODE = A P O R S

MOLECWT =	61.04	NBP =	374.4	NFP =	244.0	CRITTEMP=	588.0	CRITPRES=	0.6311E+07
DENSITY =	1139.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1520.	BRHO =	-1.300
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1771.	LQHTCPTM=	293.2	AHC =	1280.	BHC =	1.675	LHCUPBND=	333.2
LHCLOBND=	248.2	SURFTENS=	0.3700E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=	10.00	SOLUBTMP=	293.2	A =		B =		AVP =	9.169
BVP =	1291.	CVP =	-64.16	VPUPRBND=	373.2	VPLWRBND=	288.2	AVCP =	0.1239E+05
BVCP =	168.3	CVCP =	-0.5862E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.5610E+06	HTCOMBTN=	-0.1054E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	7.300	UPFLMLIM=		BURNRATE=	0.1833E-04
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NNE CHEMNAME = 1-NONENE PATHCODE = A T U

MOLECWT =	126.2	NBP =	420.0	NFP =	191.5	CRITTEMP=	601.0	CRITPRES=	0.2482E+07
DENSITY =	733.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	960.8	BRHO =	0.7900
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.6200E-03	LQVISTMP=	293.2
AVIS =	-11.03	BVIS =	1066.	LVUPRBND=	373.2	LVLWRBND=	273.2	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2114.	LQHTCPTM=	288.2	AHC =	907.9	BHC =	4.187	LHCUPBND=	303.2
LHCLOBND=	273.2	SURFTENS=	0.2256E-01	SFTNTEMP=	298.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.079
BVP =	1435.	CVP =	-67.66	VPUPRBND=	373.2	VPLWRBND=	293.2	AVCP =	0.1679E+05
BVCP =	688.9	CVCP =	-0.2407	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2881E+06	HTCOMBTN=	-0.4415E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8000	UPFLMLIM=		BURNRATE=	0.1000E-03
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		MBFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NNN CHEMNAME = NONANOL PATHCODE = A T U

MOLECWT =	144.3		NBP =	486.0		NFP =	268.0		CRITTEMP=	677.0		CRITPRES=	0.2400E+07		
DENSITY =	827.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1061.		BRHO =	-0.8000		
CRHO =	0.0000E+00		LDUPRBND=	323.2		LDLWRBND=	273.2		LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0		(E
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1512		
LTHCNTMP=	293.2		ACON =	0.1992		BCON =	-0.1628E-03		LTCUPBND=	363.2		LTCLOBND=	288.2		
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0		(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	8.959		
BVP =	1090.		CVP =	-135.2		VPUPRBND=	523.2		VPLWRBND=	373.2		AVCP =	0.2788E+05		
BVCP =	727.2		CVCP =	-0.2261		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.3035E+06		HTCOMBTN=	-0.4090E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.8000		UPFLMLIM=	6.100		BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NNP CHEMNAME = NONYLPHENOL PATHCODE = A T U

MOLECWT =	220.4		NBP =	577.0		NFP =			CRITTEMP=	743.0		CRITPRES=		
DENSITY =	948.0		DENSTEMP=	298.2		SHPSTATE=L			ARHO =	1160.		BRHO =	-0.7100	
CRHO =	0.0000E+00		LDUPRBND=	353.2		LDLWRBND=	298.2		LQVISPNT=	1.690		LQVISTMP=	298.2	
AVIS =	-18.30		BVIS =	5610.		LVUPRBND=	353.2		LVLWRBND=	298.2		LQTHRCND=	0.1500	(E
LTHCNTMP=	298.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0	(E
LQHTCPPT=	2500.	(E)	LQHTCPTM=	298.0	(E)	AHC =	2500.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0	(E
LHCLOBND=	293.0	(E)	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.351	
BVP =	1997.		CVP =	-117.2		VFUPRBND=	626.2		VPLWRBND=	438.2		AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4070E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.000	(E)	UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NNT CHEMNAME = NICKEL NITRATE PATHCODE = SS

MOLECWT =	290.8	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2050.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	94.10	SOLUBTMP=	293.1	A =	-125.7	B =	0.7500	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.1100E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.7700E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NON CHEMNAME = NONENE PATHCODE = A T U

MOLECWT =	126.2		NBP =	408.0	(E)	NFP =				CRITTEMP=			CRITPRES=		
DENSITY =	739.0		DENSTEMP=	293.2		SHPSTATE=L				ARHO =	961.0	(E)	BRHO =	-0.7900	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	273.0	(E)		LQVISPNT=	0.5800E-03	(E)	LQVISTMP=	298.0	(E
AVIS =	-11.03	(E)	BVIS =	1066.	(E)	LVUPRBND=	303.0	(E)		LVLWRBND=	273.0	(E)	LQTHRCND=	0.1500	(E
LTHCNTMP=	298.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)		LTCUPBND=	303.0	(E)	LTCLOBND=	278.0	(E
LQHTCPPT=	2110.	(E)	LQHTCPTM=	288.0	(E)	AHC =	908.0	(E)		BHC =	4.190	(E)	LHCUPBND=	303.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2200E-01	(E)	SFTNTEMP=	298.0	(E)		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	298.0	(E
SOLUBPNT=			SOLUBTMP=			A =				B =			AVP =	9.079	(E
BVP =	1435.	(E)	CVP =	-67.50	(E)	VFUPRBND=	373.0	(E)		VPLWRBND=	293.0	(E)	AVCP =	0.1679E+05	(E
BVCP =	689.0	(E)	CVCP =	-0.2407	(E)	DVCP =	0.0000E+00	(E)		VHCUPBND=	600.0	(E)	VHCLOBND=	250.0	(E
HTFUSION=			LHTVAPOR=	0.2880E+06	(E)	HTCOMBTN=	-0.4410E+08	(E)		HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.7000			UPFLMLIM=	3.900		BURNRATE=	0.1000E-03	
TOXINHAL=			INHALCNC=			INHALTME=				LOTOXLIM=			UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=				AIRFUEL =			FLMETEMP=		
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NOX CHEMNAME = NITROGEN TETROXIDE PATHCODE = A I J O

MOLECWT =	69.08	(E)	NBP =	294.0	NFP =	262.0	CRITTEMP=	431.4	CRITPRES=	0.1010E+08	
DENSITY =	1450.		DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2183.	BRHO =	-2.500	
CRHO =	0.0000E+00		LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=	0.4130E-03	LQVISTMP=	294.2	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=	3000.	(E)	LQHTCPTM=	273.0	(E) AHC =	3000.	(E) BHC =	0.0000E+00(E)	LHCUPBND=	278.0	(E
LHCLOBND=	268.0	(E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	11.04	
BVP =	1799.		CVP =	3.640	VFUPRBND=	373.2	VPLWRBND=	234.2	AVCP =	0.4000E+05(E	
BVCP =	0.0000E+00(E)		CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	400.0	(E) VHCLOBND=	300.0	(E
HTFUSION=			LHTVAPOR=	0.2700E+06(E)	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.7000E+05(E	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=	5.000		INHALCNC=	25.00	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=		
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NPH CHEMNAME = 4-NITROPHENOL PATHCODE = II SS

MOLECWT =	139.1	NBP =		NFP =	386.0	CRITTEMP=		CRITPRES=	
DENSITY =	1480.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	1.600	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2060E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NPP CHEMNAME = 2-NITROPROPANE PATHCODE = A P Q T U X Y

MOLECWT =	89.09	NBP =	393.5	NFP =	182.0	CRITTEMP=		CRITPRES=			
DENSITY =	990.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1312.	BRHO =	-1.100		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	288.1	LQVISPNT=	0.7700E-03	LQVISTMP=	293.1		
AVIS =	-10.94	BVIS =	1104.	LVUPRBND=	308.1	LVLWRBND=	283.1	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=			
LHCLOBND=		SURFTENS=	0.3000E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=	1.700	SOLUBTMP=	293.1	A =	-1.818	B =	0.1200E-01	AVP =	9.936		
BVP =	1940.	CVP =	-0.1500	VFUPRBND=	393.1	VPLWRBND=	288.1	AVCP =	-5091.	(E	
BVCP =	433.0	(E) CVCP =	-0.2676	(E) DVCP =	0.6280E-04	(E) VHCUPBND=	550.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4100E+06	HTCOMBTN=	-0.2240E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.600	UPFLMLIM=		BURNRATE=			
TOXINHAL=	25.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NSS CHEMNAME = NAPHTHA STODDARD SOLVENT PATHCODE = A T U

MOLECWT =		NBP =	433.0	(E)	NFP =			CRITTEMP=			CRITPRES=				
DENSITY =	780.0	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	780.0	(E)	BRHO =	0.0000E+00	(E		
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4500E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.641	(E	
BVP =	2086.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =	0.1990E+05	(E	
BVCP =	1073.	(E)	CVCP =	-0.6010	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2350E+06	(E)	HTCOMBTN=	-0.4240E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.8000		UPFLMLIM=	5.000		BURNRATE=	0.6667E-04		
TOXINHAL=	200.0		INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NSV CHEMNAME = NAPHTHA SOLVENT PATHCODE = A T U

MOLECWT =			NBP =	403.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	850.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	780.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4500E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.641	(E	
BVP =	2086.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =	0.1990E+05	(E	
BVCP =	1073.	(E)	CVCP =	0.6010	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2350E+06	(E)	HTCOMBTN=	-0.4240E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.8000		UPFLMLIM=	5.000		BURNRATE=	0.6667E-04		
TOXINHAL=	200.0		INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTA CHEMNAME = 2-NITROANILINE PATHCODE = II

MOLECWT =	138.1	NBP =	557.0	NFP =	344.0	CRITTEMP=		CRITPRES=	
DENSITY =	1440.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1200	SOLUBTMP=	298.1	A =	-1.310 (E)	B =	0.4800E-02(E)	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2320E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTB CHEMNAME = NITROBENZENE PATHCODE = A X Y

MOLECWT =	123.1	NBP =	484.1	NFP =	278.3	CRITTEMP=	720.0	CRITPRES=	0.4824E+07		
DENSITY =	1204.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1493.	BRHO =	-0.9900		
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	283.2	LQVISPNT=	0.2013E-02	LQVISTMP=	293.2		
AVIS =	-11.33	BVIS =	1500.	LVUPRBND=	343.2	LVLWRBND=	283.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1507.	(E) LQHTCPTM=	293.0	(E) AHC =	1507.	(E) BHC =	0.0000E+00(E)	LHCUPBND=	298.0	(E	
LHCLOBND=	283.0	(E) SURFTENS=	0.4390E-01	SFTNTEMP=	293.2	INTFTENS=	0.2566E-01	INTFTTMP=	293.2		
SOLUBPNT=	0.1900	SOLUBTMP=	293.1	A =		B =		AVP =	10.82		
BVP =	2768.	CVP =	0.4004E-01	VFUPRBND=	423.2	VPLWRBND=	293.2	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.3559E+06	HTCOMBTN=	-0.2425E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=		BURNRATE=	0.4833E-04		
TOXINHAL=	1.000	INHALCNC=	10.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTC CHEMNAME = NITROSYL CHLORIDE PATHCODE = A C O

MOLECWT =	65.46	NBP =	267.4	NFP =	214.0	CRITTEMP=	441.0	CRITPRES=	0.9100E+07
DENSITY =	1360.	DENSTEMP=	267.5	SHPSTATE=L		ARHO =	2006.	BRHO =	-2.400
CRHO =	0.0000E+00	LDUPRBND=	273.2	LDLWRBND=	243.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	700.0 (E)	LQHTCPTM=	263.0 (E)	AHC =	700.0 (E)	BHC =	0.0000E+00(E)	LHCUPBND=	263.0 (E
LHCLOBND=	253.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.972
BVP =	1328.	CVP =	0.4004E-01	VFUPRBND=	293.2	VPLWRBND=	233.2	AVCP =	0.3345E+05
BVCP =	46.47	CVCP =	-0.2931E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.9211E+05	LHTVAPOR=	0.3810E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.7997E+06	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTE CHEMNAME = NITROETHANE PATHCODE = A P Q T U X Y

MOLECWT =	75.07	NBP =	387.0	NFP =	183.0	CRITTEMP=		CRITPRES=			
DENSITY =	1050.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1343.	BRHO =	-1.000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.6680E-03	LQVISTMP=	298.1		
AVIS =	-10.72	BVIS =	1016.	LVUPRBND=	383.1	LVLWRBND=	283.1	LQTHRCND=	0.1663		
LTHCNTMP=	311.1	ACON =	0.3227	BCON =	-0.5001E-03	LTCUPBND=	348.1	LTCLOBND=	305.1		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=			
LHCLOBND=		SURFTENS=	0.3130E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=	4.500	SOLUBTMP=	293.1	A =		B =		AVP =	10.31		
BVP =	2054.	CVP =	-0.1500	VPUPRBND=	387.1	VPLWRBND=	283.1	AVCP =	8763.	(E	
BVCP =	289.7	(E) CVCP =	-0.1641	(E) DVCP =	0.3551E-04	(E) VHCUPBND=	550.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4900E+06	HTCOMBTN=	-0.1790E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.400	UPFLMLIM=		BURNRATE=			
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTI CHEMNAME = NAPTHENIC ACIDS PATHCODE = A T U

MOLECWT =	225.0	(E)	NBP =	460.5	(E)	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	960.0		DENSTEMP=	293.1		SHPSTATE=L		ARHO =		BRHO =	
CRHO =			LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=			AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=			A =		B =		AVP =	
BVP =			CVP =			VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.000	UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.000	(E)	INHALCNC=			INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =			ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTL CHEMNAME = NITRALIN PATHCODE = II

MOLECWT =	345.2	NBP =	498.0	(E)	NFP =	424.0	CRITTEMP=		CRITPRES=	
DENSITY =	1000.	(E) DENSTEMP=	293.1		SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=			AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6000E-04	SOLUBTMP=	298.1		A =		B =		AVP =	
BVP =		CVP =			VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=	-0.1050E+07	HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTM CHEMNAME = NAPHTHALENE, MOLTEN PATHCODE = A T U X

MOLECWT =	128.2	NBP =	491.0	NFP =	353.4	CRITTEMP=	748.4	CRITPRES=	0.4050E+07		
DENSITY =	1145.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =	1110.	(E)	BRHO =	0.0000E+00	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	363.0	(E)	LDLWRBND=	353.0	(E)	LQVISPNT=	0.8800E-03	LQVISTMP= 353.2
AVIS =	-15.53	BVIS =	3000.	LVUPRBND=	433.2	LVLWRBND=	353.2	LQTHRCND=	0.1300	(E	
LTHCNTMP=	353.0	(E)	ACON =	0.1300	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	363.0	(E) LTCLOBND= 353.0 (E
LQHTCPPT=	1591.	LQHTCPTM=	353.2	AHC =	349.8	BHC =	3.517	LHCUPBND=	553.2		
LHCLOBND=	353.2	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	353.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP= 353.0 (E
SOLUBPNT=	0.3000	SOLUBTMP=	293.2	A =		B =		AVP =	8.971		
BVP =	1607.	CVP =	-85.96	VFUPRBND=	523.2	VPLWRBND=	353.2	AVCP =	-0.4509E+05		
BVCP =	698.4	CVCP =	-0.3433	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3379E+06	HTCOMBTN=	-0.3888E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.9000	UPFLMLIM=	5.900	BURNRATE=	0.7167E-04		
TOXINHAL=	10.00	INHALCNC=	15.00	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTO CHEMNAME = NITROUS OXIDE PATHCODE = A C I J

MOLECWT =	44.00	NBP =	183.7	NFP =	182.4	CRITTEMP=	309.7	CRITPRES=	0.7280E+07
DENSITY =	1266.	DENSTEMP=	184.1	SHPSTATE=L		ARHO =	1984.	BRHO =	-3.900
CRHO =	0.0000E+00	LDUPRBND=	193.1	LDLWRBND=	183.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.1010E-01	SFTNTEMP=	248.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2500	SOLUBTMP=	273.1	A =		B =		AVP =	9.551
BVP =	835.0	CVP =	-0.1500	VPUPRBND=	233.1	VPLWRBND=	184.1	AVCP =	0.3894E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.3760E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTP CHEMNAME = 2-NITROPHENOL PATHCODE = II

MOLECWT =	139.1	NBP =	487.0	NFP =	313.0	CRITTEMP=		CRITPRES=	
DENSITY =	1490.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2100	SOLUBTMP=	293.1	A =	-1.549	B =	0.6000E-02	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2070E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NTX CHEMNAME = NITRIC OXIDE PATHCODE = A C

MOLECWT =	30.00	NBP =	121.5	NFP =	109.6	CRITTEMP=	180.0	CRITPRES=	0.6500E+07
DENSITY =		DENSTEMP=		SHPSTATE=G		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	0.2931E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.5980E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	25.00	INHALCNC=	200.0 (E)	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NVM CHEMNAME = NAPHTHA VM + P (75(NAPHTHA) PATHCODE = A T U V W

MOLECWT =			NBP =	366.5	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	750.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	780.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4500E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.641	(E	
BVP =	2086.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =	0.1990E+05	(E	
BVCP =	1073.	(E)	CVCP =	-0.6010	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2350E+06	(E)	HTCOMBTN=	-0.4240E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.9000		UPFLMLIM=	6.700		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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NXX CHEMNAME = NITROGEN, LIQUEFIED PATHCODE = A C D F G

MOLECWT =	28.00	NBP =	77.60	NFP =	58.00	CRITTEMP=	126.2	CRITPRES=	0.3400E+07
DENSITY =	807.0	DENSTEMP=	77.65	SHPSTATE=L		ARHO =	2005.	BRHO =	-6.000
CRHO =	0.0000E+00	LDUPRBND=	83.15	LDLWRBND=	73.15	LQVISPNT=	0.1580E-03	LQVISTMP=	77.15
AVIS =	-11.19	BVIS =	188.0	LVUPRBND=	113.1	LVLWRBND=	73.15	LQTHRCND=	0.1396
LTHCNTMP=	77.15	ACON =	0.2383	BCON =	-0.1279E-02	LTCUPBND=	93.15	LTCLOBND=	73.15
LQHTCPPT=	1005.	LQHTCPTM=	73.15	AHC =	1005.	BHC =	0.0000E+00	LHCUPBND=	83.15
LHCLOBND=	73.15	SURFTENS=	0.8300E-01	SFTNTEMP=	80.15	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.194
BVP =	325.0	CVP =	-0.1500	VPUPRBND=	93.15	VPLWRBND=	63.15	AVCP =	0.2931E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2200E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OAC CHEMNAME = OLEIC ACID, SODIUM SALT PATHCODE = SS

MOLECWT =	304.0	(E)	NBP =		NFP =	506.5	(E)	CRITTEMP=		CRITPRES=	
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=S			ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =			LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =			BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=	
SOLUBPNT=	10.00		SOLUBTMP=	293.1	A =			B =		AVP =	
BVP =			CVP =		VFUPRBND=			VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =			VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=			HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=			LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

OAN CHEMNAME = OCTANE PATHCODE = A T U

MOLECWT =	114.2	NBP =	398.9	NFP =	216.4	CRITTEMP=	568.6	CRITPRES=	.0.2490E+07
DENSITY =	703.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	952.2	BRHO =	-0.8500
CRHO =	0.0000E+00	LDUPRBND=	353.1	LDLWRBND=	253.1	LQVISPNT=	0.5450E-03	LQVISTMP=	293.1
AVIS =	-11.15	BVIS =	1064.	LVUPRBND=	373.1	LVLWRBND=	273.1	LQTHRCND=	0.1314
LTHCNTMP=	293.1	ACON =	0.2167	BCON =	-0.2908E-03	LTCUPBND=	313.1	LTCLOBND=	253.1
LQHTCPPT=	2194.	LQHTCPTM=	293.1	AHC =	1212.	BHC =	3.349	LHCUPBND=	333.1
LHCLOBND=	253.1	SURFTENS=	0.2170E-01	SFTNTEMP=	293.1	INTFTENS=	0.3500E-01(E)	INTFTTMP=	293.1
SOLUBPNT=	0.2000E-02	SOLUBTMP=	289.1	A =		B =		AVP =	10.09
BVP =	2028.	CVP =	-0.1500	VPUPRBND=	403.1	VPLWRBND=	293.1	AVCP =	0.5288E+05
BVCP =	454.3	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3030E+06	HTCOMBTN=	-0.4443E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.000	UPFLMLIM=	6.500	BURNRATE=	0.1052E-03
TOXINHAL=	400.0	INHALCNC=	500.0	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OAP CHEMNAME = OLEIC ACID, POTASSIUM SALT PATHCODE = A P

MOLECWT =	320.0		NBP =		NFP =	510.5	(E)	CRITTEMP=		CRITPRES=	
DENSITY =	1100.	(E)	DENSTEMP=	293.1	SHPSTATE=L			ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =			LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =			BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=	
SOLUBPNT=	25.00		SOLUBTMP=	293.1	A =			B =		AVP =	
BVP =			CVP =		VFUPRBND=			VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =			VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=			HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=			LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S.I. SYSTEM OF UNITS

****

OAS CHEMNAME = OIL: ABSORPTION PATHCODE = A T U

MOLECWT =		NBP =	533.0	(E)	NFP =			CRITTEMP=			CRITPRES=				
DENSITY =		DENSTEMP=			SHPSTATE=			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E		
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.7650E-02	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

OCA CHEMNAME = OIL: CASTOR PATHCODE = A T U

MOLECWT =		NBP =	538.0		NFP =	261.0		CRITTEMP=			CRITPRES=				
DENSITY =	960.0	DENSTEMP=	298.2		SHPSTATE=L			ARHO =	712.0	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	1.600	(E)	LQVISTMP=	293.0	(E
AVIS =	-24.95	(E)	BVIS =	7450.	(E)	LVUPRBND=	333.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.510	(E
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	323.0	(E)	VPLWRBND=	273.0	(E)	AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3710E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OCC CHEMNAME = OILS EDIBLE: COCONUT PATHCODE = A T U

MOLECWT =		NBP =		NFP =	297.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	920.0	DENSTEMP=	298.1	SHPSTATE=	L		ARHO =	1159.	(E)	BRHO =	-0.8000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	323.1	LDLWRBND=	298.1	LQVISPNT=	0.3500E-01		LQVISTMP=	303.1
AVIS =	-13.64	BVIS =	3120.	LVUPRBND=	373.1	LVLWRBND=	303.1			LQTHRCND=	0.1314 (E
LTHCNTMP=	298.1	ACON =	0.1485	(E)	BCON =	-0.5815E-04	(E)	LTCUPBND=	323.1	LTCLOBND=	298.1
LQHTCPPT=	2010.	(E)	LQHTCPTM=	298.1	AHC =	2010.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 323.1
LHCLOBND=	298.1	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	298.1		INTFTENS=	0.5000E-01	(E)	INTFTTMP= 298.1
SOLUBPNT=		SOLUBTMP=		A =			B =			AVP =	
BVP =		CVP =		VFUPRBND=			VPLWRBND=			AVCP =	
BVCP =		CVCP =		DVCP =			VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3600E+08	(E)	HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6680E-04
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

OCF CHEMNAME = OIL: CLARIFIED PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =			DENSTEMP=			SHPSTATE=			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OCR CHEMNAME = OILS MISCELLANEOUS: CROTON PATHCODE = A T U

MOLECWT =		NBP =		NFP =	260.0 (E)	CRITTEMP=		CRITPRES=	
DENSITY =	940.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1179. (E)	BRHO =	-0.8000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1314 (E
LTHCNTMP=	293.1	ACON =	0.1485 (E)	BCON =	-0.5815E-04(E)	LTCUPBND=	323.1	LTCLOBND=	273.1
LQHTCPPT=	2010. (E)	LQHTCPTM=	293.1	AHC =	2010. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3900E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6680E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OCS CHEMNAME = OIL: COTTONSEED PATHCODE = A T U

MOLECWT =			NBP =			NFP =	273.0		CRITTEMP=			CRITPRES=			
DENSITY =	920.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	712.0	(E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	1.600	(E)	LQVISTMP=	293.0	(E	
AVIS =	-24.95	(E)	BVIS =	7450.	(E)	LVUPRBND=	333.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	273.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.510	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	323.0	(E)	VPLWRBND=	273.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3710E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

OCT CHEMNAME = OIL: COAL TAR PATHCODE = A T U

MOLECWT =		NBP =	379.0	(E)	NFP =			CRITTEMP=				CRITPRES=			
DENSITY =		DENSTEMP=			SHPSTATE=			ARHO =	900.0	(E)	BRHO =	0.0000E+00	(E		
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =	0.1250E+06	(E	
BVCP =	0.0000E+00	(E)	CVCP =	0.0000E+00	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	400.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2500E+06	(E)	HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.300		UPFLMLIM=	8.000		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ODS CHEMNAME = OIL: DIESEL PATHCODE = A T U

MOLECWT =			NBP =	561.0	(E)	NFP =	239.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	876.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.1195E-01	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.300		UPFLMLIM=	6.000		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OET CHEMNAME = OCTYL EPOXY TALLATE PATHCODE = A T U

MOLECWT =	420.0	(E)	NBP =		NFP =		CRITTEMP=			CRITPRES=	
DENSITY =	924.0		DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1222.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.3500E-01		LQVISTMP=	298.1
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=			LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =			LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =			AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=			AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=			HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01	(E)	UPTOXLIM=	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OFR CHEMNAME = FUEL OIL: 4 PATHCODE = A T U

MOLECWT =			NBP =	374.0	(E)	NFP =	264.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	900.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	900.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.1450E-01	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.000		UPFLMLIM=	5.000		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OFS CHEMNAME = OIL: FISH PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	930.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	712.0	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	1.600	(E)	LQVISTMP=	293.0	(E
AVIS =	-24.95	(E)	BVIS =	7450.	(E)	LVUPRBND=	333.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.510	(E
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	323.0	(E)	VPLWRBND=	273.0	(E)	AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3710E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

OFV CHEMNAME = FUEL OIL: 5 PATHCODE = A T U

MOLECWT =			NBP =	491.0	(E)	NFP =	255.0		CRITTEMP=			CRITPRES=			
DENSITY =	900.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	900.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.4350E-01	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.000		UPFLMLIM=	5.000		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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OIL CHEMNAME = OIL: CRUDE PATHCODE = A T U

MOLECWT =			NBP =	305.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	700.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.3182E+06	(E)	HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OLA CHEMNAME = OLEIC ACID PATHCODE = A T U

MOLECWT =	277.0	(E)	NBP =	495.0	NFP =	287.0	CRITTEMP=		CRITPRES=		
DENSITY =	890.0		DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1099.	BRHO =	-0.7000	
CRHO =	0.0000E+00		LDUPRBND=	313.1	LDLWRBND=	288.1	LQVISPNT=	0.3880E-01	LQVISTMP=	293.1	
AVIS =	-14.03		BVIS =	3160.	LVUPRBND=	373.1	LVLWRBND=	293.1	LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=	2114.		LQHTCPTM=	293.1	AHC =	-3163.	BHC =	18.00	LHCUPBND=	303.1	
LHCLOBND=	288.1		SURFTENS=	0.3280E-01	SFTNTEMP=	293.1	INTFTENS=	0.1559E-01	INTFTTMP=	293.1	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=	0.2400E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=		
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OLB CHEMNAME = OIL: LUBRICATING PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	840.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.2750	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OLD CHEMNAME = OILS EDIBLE LARD PATHCODE = A T U

MOLECWT =		NBP =		NFP =	301.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	860.0	DENSTEMP=	303.1	SHPSTATE=S			ARHO =	1099.	(E)	BRHO =	-0.8000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	323.1	LDLWRBND=	303.1		LQVISPNT=			LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1314 (E
LTHCNTMP=	303.1	ACON =	0.1485	(E) BCON =	-0.5815E-04	(E)	LTCUPBND=	323.1		LTCLOBND=	303.1
LQHTCPPT=	2010.	(E) LQHTCPTM=	303.1	AHC =	2010.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	323.1
LHCLOBND=	303.1	SURFTENS=	0.2500E-01	(E) SFTNTEMP=	303.1		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	303.1
SOLUBPNT=		SOLUBTMP=		A =			B =			AVP =	
BVP =		CVP =		VPUPRBND=			VPLWRBND=			AVCP =	
BVCP =		CVCP =		DVCP =			VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3900E+08		HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6680E-04
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OLM CHEMNAME = OLEUM PATHCODE = A O P

MOLECWT =			NBP =			NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1910.	(E)	DENSTEMP=	288.2		SHPSTATE=L		ARHO =		BRHO =	
CRHO =			LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1382.	(E)	LQHTCPTM=	293.2		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBNT=			SOLUBTMP=			A =		B =		AVP =	
BVP =			CVP =			VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=	5.000		INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OLS CHEMNAME = OILS MISCELLANEOUS: LINSEED PATHCODE = A T U

MOLECWT =		NBP =		NFP =	254.0	CRITTEMP=		CRITPRES=	
DENSITY =	930.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1169. (E)	BRHO =	-0.8000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.5500E-01	LQVISTMP=	289.1
AVIS =	-13.69 (E)	BVIS =	3120. (E)	LVUPRBND=	298.1	LVLWRBND=	288.1	LQTHRCND=	0.1314 (E
LTHCNTMP=	293.1	ACON =	0.1485 (E)	BCON =	-0.5815E-04(E)	LTCUPBND=	323.1	LTCLOBND=	273.1
LQHTCPPT=	1842.	LQHTCPTM=	293.1	AHC =	1842. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.1
LHCLOBND=	283.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.1
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3900E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6680E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OMN CHEMNAME = OIL: MINERAL PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	830.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.3800E-01	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OMS CHEMNAME = OIL: MINERAL SEAL PATHCODE = A T U

MOLECWT =			NBP =	533.0	(E)	NFP =	261.0		CRITTEMP=			CRITPRES=			
DENSITY =	811.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04		
TOXINHAL=	200.0		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OMT CHEMNAME = OIL: MOTOR PATHCODE = A T U

MOLECWT =			NBP =			NFP =	238.8		CRITTEMP=			CRITPRES=			
DENSITY =	840.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	900.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.2750	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ONF CHEMNAME = OIL: NEATSFOOT PATHCODE = A T U

MOLECWT =			NBP =			NFP =	273.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	910.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	900.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.3875E-01	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.1500E-01	(E)	UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OOD CHEMNAME = FUEL OIL: 1-D PATHCODE = A T U

MOLECWT =		NBP =	466.0	(E)	NFP =	240.0		CRITTEMP=			CRITPRES=				
DENSITY =	810.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	1088.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.1200E-02		LQVISTMP=	293.2		
AVIS =	-13.90		BVIS =	2100.		LVUPRBND=	298.2		LVLWRBND=	233.2		LQTHRCND=	0.1310		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	293.0		(E
LQHTCPPT=	1968.		LQHTCPTM=	293.2		AHC =	854.8		BHC =	3.768		LHCUPBND=	373.2		
LHCLOBND=	293.2		SURFTENS=	0.2750E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.4800E-01	(E)	INTFTTMP=	293.2		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515		
BVP =	2076.		CVP =	-0.1599		VFUPRBND=	423.2		VPLWRBND=	293.2		AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.2512E+06		HTCOMBTN=	-0.4312E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.300		UPFLMLIM=	6.000		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OOL CHEMNAME = OIL: OLIVE PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	915.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	712.0	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	1.600	(E)	LQVISTMP=	293.0	(E
AVIS =	-24.95	(E)	BVIS =	7450.	(E)	LVUPRBND=	333.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.510	(E
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	323.0	(E)	VPLWRBND=	273.0	(E)	AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3710E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OON CHEMNAME = FUEL OIL: NO 1(KEROSENE) PATHCODE = A T U

MOLECWT =		NBP =	466.0	(E)	NFP =	225.0	(E)	CRITTEMP=		CRITPRES=	
DENSITY =	810.0	(E)	DENSTEMP=	288.2	SHPSTATE=L			ARHO =	1088.	BRHO =	-1.0000
CRHO =	0.0000E+00		LDUPRBND=	303.2	LDLWRBND=	273.2		LQVISPNT=	0.1200E-02	LQVISTMP=	293.2
AVIS =	-13.90		BVIS =	2100.	LVUPRBND=	298.2		LVLWRBND=	233.2	LQTHRCND=	0.1314
LTHCNTMP=	293.2		ACON =	0.1469	BCON =	-0.5233E-04		LTCUPBND=	373.2	LTCLOBND=	253.2
LQHTCPPT=	1968.		LQHTCPTM=	293.2	AHC =	854.8		BHC =	3.768	LHCUPBND=	373.2
LHCLOBND=	293.2		SURFTENS=	0.2750E-01(E)	SFTNTEMP=	293.2		INTFTENS=	0.4800E-01(E)	INTFTTMP=	293.2
SOLUBPNT=			SOLUBTMP=		A =			B =		AVP =	9.515
BVP =	2076.		CVP =	-0.1599	VFUPRBND=	423.2		VFLWRBND=	293.2	AVCP =	
BVCP =			CVCP =		DVCP =			VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=	0.2512E+06	HTCOMBTN=	-0.4312E+08		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=	0.7000		UPFLMLIM=	5.000	BURNRATE=	0.6667E-04
TOXINHAL=	200.0		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =			ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS
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OPM CHEMNAME = OILS EDIBLE: PALM PATHCODE = A T U

MOLECWT =		NBP =		NFP =	297.0 (E)	CRITTEMP=				CRITPRES=	
DENSITY =	900.0	DENSTEMP=	310.9	SHPSTATE=L		ARHO =	1149. (E)	BRHO =	-0.8000 (E		
CRHO =	0.0000E+00(E)	LDUPRBND=	323.1	LDLWRBND=	310.1	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1314		
LTHCNTMP=	293.1	ACON =	0.1485 (E)	BCON =	-0.5815E-04(E)	LTCUPBND=	323.1	LTCLOBND=	273.1		
LQHTCPPT=	2010. (E)	LQHTCPTM=	310.1	AHC =	2010. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	323.1		
LHCLOBND=	310.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	310.1	INTFTENS=	0.5000E-01(E)	INTFTTMP=	310.1		
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =			
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3600E+08(E)	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6680E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OPN CHEMNAME = OIL: PEANUT PATHCODE = A T U

MOLECWT =			NBP =			NFP =	271.0		CRITTEMP=			CRITPRES=			
DENSITY =	910.0	(E)	DENSTEMP=	298.2		SHPSTATE=L			ARHO =	712.0	(E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	1.600	(E)	LQVISTMP=	293.0	(E	
AVIS =	-24.95	(E)	BVIS =	7450.	(E)	LVUPRBND=	333.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	273.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.510	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	323.0	(E)	VPLWRBND=	273.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3710E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

OPT CHEMNAME = OIL: PENETRATING PATHCODE = A T U V W

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	890.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =			BRHO =			
CRHO =			LDUPRBND=			LDLWRBND=			LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ORD CHEMNAME = OIL: ROAD PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	1000.	(E)	DENSTEMP=	298.2		SHPSTATE=L			ARHO =	1050.	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ORG CHEMNAME = OIL: RANGE PATHCODE = A T U

MOLECWT =		NBP =	473.0	(E)	NFP =	230.0	(E)	CRITTEMP=				CRITPRES=			
DENSITY =	800.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1088.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.1200E-02		LQVISTMP=	293.2		
AVIS =	-13.90		BVIS =	2100.		LVUPRBND=	298.2		LVLWRBND=	233.2		LQTHRCND=	0.1310		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0		(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515		(E
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.2512E+06		HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.7000		UPFLMLIM=	5.000		BURNRATE=	0.6667E-04		
TOXINHAL=	200.0		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

AD-A034 607 LITTLE (ARTHUR D) INC CAMBRIDGE MASS F/G 7/2
CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
DEC 76 E ATKINSON DOT-CG-24655-A
UNCLASSIFIED USCG-D-124-76 NL

8 OF 10
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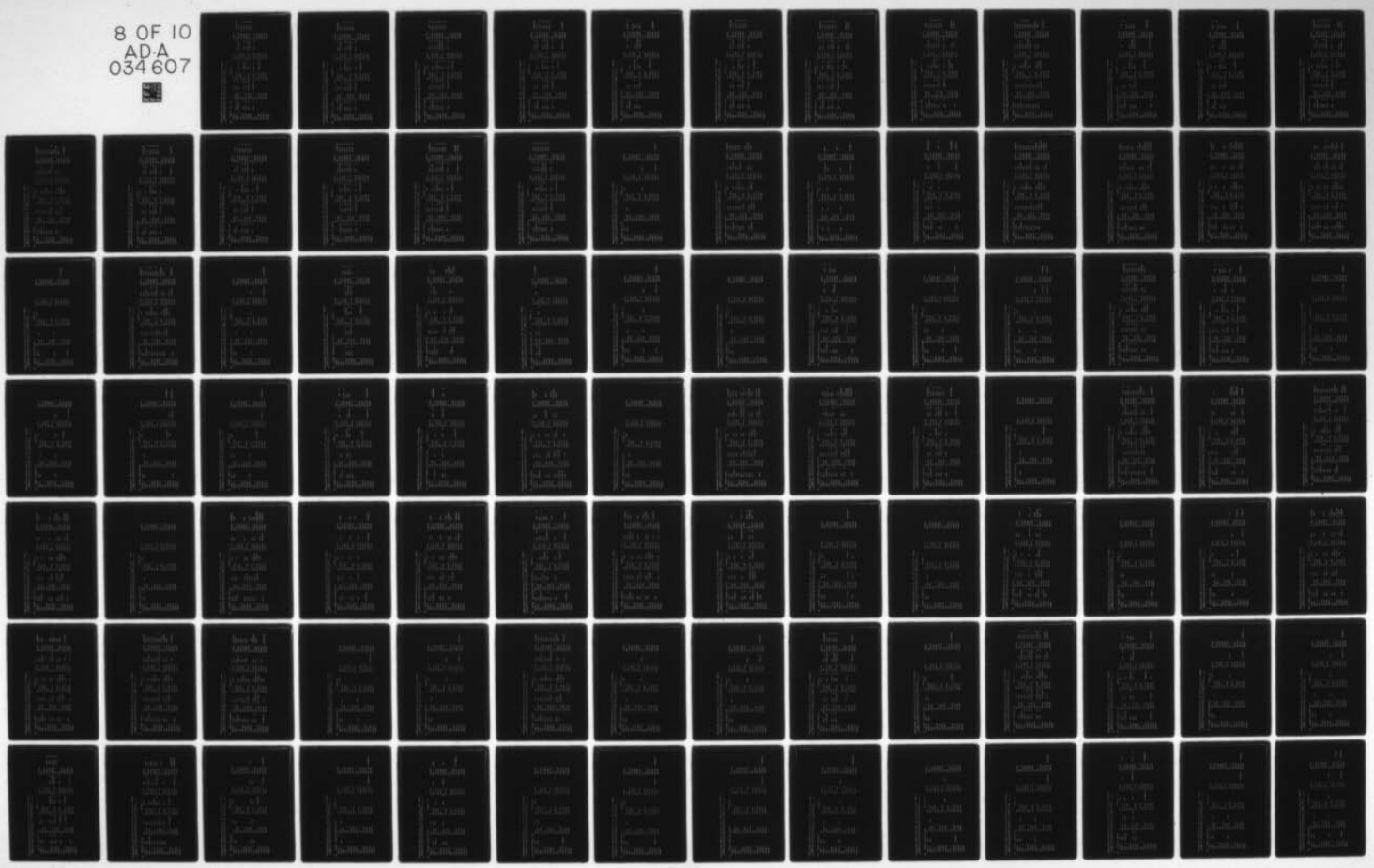
034607



PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ORN CHEMNAME = OIL: ROSIN PATHCODE = A T U

MOLECWT =			NBP =	573.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	960.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	900.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.1835E-01	(E)	LQVISTMP=	373.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0		(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515		(E
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

ORS CHEMNAME = OIL: RESIN PATHCODE = A T U

MOLECWT =			NBP =	573.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	960.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	900.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.1835E-01	(E)	LQVISTMP=	373.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0		(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515		(E
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OSB CHEMNAME = OIL: SOYA BEAN PATHCODE = A T U

MOLECWT =			NBP =			NFP =	253.0		CRITTEMP=			CRITPRES=			
DENSITY =	920.0	(E)	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	712.0	(E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	1.600	(E)	LQVISTMP=	293.0	(E	
AVIS =	-24.95	(E)	BVIS =	7450.	(E)	LVUPRBND=	333.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	273.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.510	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	323.0	(E)	VPLWRBND=	273.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3710E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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OSD CHEMNAME = OIL: SPINDLE PATHCODE = A T U

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	850.0	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	850.0 (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.0 (E)	LDLWRBND=	283.0 (E)	LQVISPNT=	0.2585E-01(E)	LQVISTMP=	311.2
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1310 (E
LTHCNTMP=	293.0 (E)	ACON =	0.1470 (E)	BCON =	-0.5200E-04(E)	LTCUPBND=	323.0 (E)	LTCLOBND=	273.0 (E
LQHTCPPT=	1970. (E)	LQHTCPTM=	293.0 (E)	AHC =	855.0 (E)	BHC =	3.780 (E)	LHCUPBND=	313.0 (E
LHCLOBND=	283.0 (E)	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.0 (E)	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.515 (E
BVP =	2076. (E)	CVP =	0.0000E+00(E)	VFUPRBND=	373.0 (E)	VPLWRBND=	293.0 (E)	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4200E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OSF CHEMNAME = OILS EDIBLE: SAFFLOWER PATHCODE = A T U

MOLECWT =		NBP =		NFP =		CRITTEMP=				CRITPRES=	
DENSITY =	920.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1159.	(E)	BRHO =	-0.8000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	313.1	LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1314	
LTHCNTMP=	293.1	ACON =	0.1485 (E)	BCON =	-0.5815E-04(E)	LTCUPBND=	323.1		LTCLOBND=	273.1	
LQHTCPPT=	2010. (E)	LQHTCPTM=	293.1	AHC =	2010. (E)	BHC =	0.0000E+00(E)		LHCUPBND=	313.1	
LHCLOBND=	283.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=	0.5000E-01(E)		INTFTTMP=	293.1	
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =		
BVP =		CVP =		VPUPRBND=		VPLWRBND=			AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3600E+08(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	0.6680E-04	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OSP CHEMNAME = OIL: SPERM PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	870.0	(E)	DENSTEMP=	298.2		SHPSTATE=L			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.1715E-01	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OSX CHEMNAME = FUEL OIL: 6 PATHCODE = A T U

MOLECWT =			NBP =	485.0	(E)	NFP =	285.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	950.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	900.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.4935	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.000		UPFLMLIM=	5.000		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OSY CHEMNAME = OIL: SPRAY PATHCODE = A T U

MOLECWT =		NBP =	583.0	(E)	NFP =			CRITTEMP=			CRITPRES=				
DENSITY =	820.0	DENSTEMP=	288.2		SHPSTATE=L			ARHO =	1113.		BRHO =	-1.0000			
CRHO =	0.0000E+00	LDUPRBND=	303.2		LDLWRBND=	273.2		LQVISPNT=	0.2050E-02		LQVISTMP=	293.2			
AVIS =	-12.95	BVIS =	1982.		LVUPRBND=	298.2		LVLWRBND=	233.2		LQTHRCND=	0.1310		(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0		(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515		(E
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.6000		UPFLMLIM=	4.600		BURNRATE=	0.6667E-04		
TOXINHAL=	200.0		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OTA CHEMNAME = OCTANOL PATHCODE = A T U

MOLECWT =	130.2		NBP =	468.0		NFP =	258.0		CRITTEMP=	658.0		CRITPRES=	0.2758E+07		
DENSITY =	829.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1066.		BRHO =	-0.8100		
CRHO =	0.0000E+00		LDUPRBND=	333.2		LDLWRBND=	273.2		LQVISPNT=	0.8930E-02		LQVISTMP=	293.2		
AVIS =	-15.70		BVIS =	3220.		LVUPRBND=	333.2		LVLWRBND=	283.2		LQTHRCND=	0.1600		(E
LTHCNTMP=	298.0	(E)	ACON =	0.1600	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	293.0		(E
LQHTCPPT=	2500.	(E)	LQHTCPTM=	298.0	(E)	AHC =	2500.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0		(E
LHCLOBND=	293.0	(E)	SURFTENS=	0.2750E-01		SFTNTEMP=	293.2		INTFTENS=	0.8520E-02		INTFTTMP=	293.2		
SOLUBPNT=	0.6000		SOLUBTMP=	293.2		A =			B =			AVP =	9.061		
BVP =	1383.		CVP =	-127.3		VFUPRBND=	523.2		VPLWRBND=	293.2		AVCP =	0.2621E+05		
BVCP =	647.9		CVCP =	-0.1989		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.4082E+06		HTCOMBTN=	-0.3753E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6167E-04		(E
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OTB CHEMNAME = OILS MISCELLANEOUS: TURBINE PATHCODE = A T U

MOLECWT =	260.0	(E)	NBP =		NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	870.0		DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1163.	(E) BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	278.1	LQVISPNT=		LQVISTMP=		
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1314	
LTHCNTMP=	293.1		ACON =	0.1485	(E) BCON =	-0.5815E-04	(E) LTCUPBND=	323.1	LTCLOBND=	273.1	
LQHTCPPT=	2010.	(E)	LQHTCPTM=	293.1	AHC =	2010.	(E) BHC =	0.0000E+00	(E) LHCUPBND=	303.1	
LHCLOBND=	283.1		SURFTENS=	0.2500E-01	(E) SFTNTEMP=	293.1	INTFTENS=	0.5000E-01	(E) INTFTTMP=	293.1	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =		
BVP =			CVP =		VFUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.4100E+08	(E) HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6680E-04	(E
TOXINHAL=	0.4310	(E)	INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01	(E) UPTOXLIM=		
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OTC CHEMNAME = OILS EDIBLE: TUCUM PATHCODE = A T U

MOLECWT =		NBP =		NFP =	303.0	CRITTEMP=			CRITPRES=		
DENSITY =	893.0	DENSTEMP=	333.1	SHPSTATE=L		ARHO =	1126.	(E)	BRHO =	-0.7000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	333.1	LDLWRBND=	303.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1314	(E
LTHCNTMP=	293.1	ACON =	0.1485 (E)	BCON =	-0.5815E-04(E)	LTCUPBND=	323.1		LTCLOBND=	273.1	
LQHTCPPT=	2010. (E)	LQHTCPTM=	303.1	AHC =	2010. (E)	BHC =	0.0000E+00(E)		LHCUPBND=	323.1	
LHCLOBND=	303.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	303.1	INTFTENS=	0.5000E-01(E)		INTFTTMP=	303.1	
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =		
BVP =		CVP =		VPUPRBND=		VPLWRBND=			AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3600E+08(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	0.6680E-04	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OTD CHEMNAME = FUEL OIL: 2-D PATHCODE = A T U

MOLECWT =			NBP =	555.0	(E)	NFP =	255.0		CRITTEMP=			CRITPRES=			
DENSITY =	870.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.2000E-02		LQVISTMP=	293.2		
AVIS =	-10.52		BVIS =	1261.		LVUPRBND=	373.2		LVLWRBND=	253.2		LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	1.300		UPFLMLIM=	6.000		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OTE CHEMNAME = 1-OCTENE PATHCODE = A T U

MOLECWT =	112.2	NBP =	394.5	NFP =	172.0	CRITTEMP=	566.6	CRITPRES=	0.2760E+07		
DENSITY =	715.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	2999.	BRHO =	-8.300		
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.4700E-03	LQVISTMP=	293.2		
AVIS =	-10.90	BVIS =	950.0	LVUPRBND=	373.2	LVLWRBND=	273.2	LQTHRCND=	0.1465		
LTHCNTMP=	293.2	ACON =	0.3000	BCON =	-0.5233E-03	LTCUPBND=	333.2	LTCLOBND=	253.2		
LQHTCPPT=	2139.	LQHTCPTM=	293.2	AHC =	1242.	BHC =	3.056	LHCUPBND=	373.2		
LHCLOBND=	253.2	SURFTENS=	0.2176E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.058		
BVP =	1354.	CVP =	-60.36	VFLUPRBND=	473.2	VFLWRBND=	273.2	AVCP =	0.1499E+05		
BVCP =	611.3	CVCP =	-0.2135	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3010E+06	HTCOMBTN=	-0.4459E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.9000	UPFLMLIM=		BURNRATE=	0.1083E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OTF CHEMNAME = OIL: TRANSFORMER PATHCODE = A T U

MOLECWT =			NBP =			NFP =	214.0		CRITTEMP=			CRITPRES=			
DENSITY =	880.0		DENSTEMP=	288.2		SHPSTATE=	L		ARHO =	900.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.1025E-01	(E)	LQVISTMP=	311.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=			HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OTL CHEMNAME = OIL: TALL PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=					
DENSITY =	935.0		DENSTEMP=	298.2		SHPSTATE=L			ARHO =	1442.		BRHO =	-1.700				
CRHO =	0.0000E+00		LDUPRBND=	333.2		LDLWRBND=	273.2		LQVISPNT=	0.4200E-01		LQVISTMP=	311.2				
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1310	(E			
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E			
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E			
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E			
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =					
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=					
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=					
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=					
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=					
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=					
MOLFRAC =																	

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OTN CHEMNAME = OIL: TANNER"S PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =			DENSTEMP=			SHPSTATE=			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515	(E	
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OTW CHEMNAME = FUEL OIL: 2 PATHCODE = A T U

MOLECWT =			NBP =	555.0	(E)	NFP =	244.0		CRITTEMP=			CRITPRES=			
DENSITY =	870.0	(E)	DENSTEMP=	293.2		SHPSTATE=L			ARHO =	850.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.2000E-02		LQVISTMP=	293.2		
AVIS =	-10.52		BVIS =	1261.		LVUPRBND=	373.2		LVLWRBND=	253.2		LQTHRCND=	0.1310		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0		(E
LQHTCPPT=	1970.	(E)	LQHTCPTM=	293.0	(E)	AHC =	855.0	(E)	BHC =	3.780	(E)	LHCUPBND=	313.0		(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.515		(E
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	373.0	(E)	VPLWRBND=	293.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OVG CHEMNAME = OIL: VEGETABLE PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	920.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	712.0	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	1.600	(E)	LQVISTMP=	293.0	(E
AVIS =	-24.95	(E)	BVIS =	7450.	(E)	LVUPRBND=	333.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1310	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1470	(E)	BCON =	-0.5200E-04	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	273.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.510	(E
BVP =	2076.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	323.0	(E)	VPLWRBND=	273.0	(E)	AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.3710E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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OXA CHEMNAME = OXALIC ACID PATHCODE = SS

MOLECWT =	126.1	NBP =		NFP =	374.7	CRITTEMP=		CRITPRES=	
DENSITY =	1900.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-94.84	B =	0.3600	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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OXY CHEMNAME = OXYGEN, LIQUEFIED PATHCODE = A I

MOLECWT =	32.00	NBP =	90.30	NFP =	55.00	CRITTEMP=	155.0	CRITPRES=	0.5090E+07
DENSITY =	1140.	DENSTEMP=	90.15	SHPSTATE=L		ARHO =	1736.	BRHO =	-6.600
CRHO =	0.0000E+00	LDUPRBND=	140.1	LDLWRBND=	90.15	LQVISPNT=	0.1880E-03	LQVISTMP=	90.15
AVIS =	-10.64	BVIS =	186.0	LVUPRBND=	123.1	LVLWRBND=	83.15	LQTHRCND=	0.1500
LTHCNTMP=	90.15	ACON =	0.1500 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	103.1	LTCLOBND=	83.15
LQHTCPPT=	1700.	LQHTCPTM=	90.15	AHC =	1700.	BHC =	0.0000E+00	LHCUPBND=	93.15
LHCLOBND=	83.15	SURFTENS=	0.1347E-01	SFTNTEMP=	90.15	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.181
BVP =	377.0	CVP =	-0.1500	VFUPRBND=	100.1	VPLWRBND=	92.15	AVCP =	0.2931E+05
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2130E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PAA CHEMNAME = PERACETIC ACID PATHCODE = A P Q

MOLECWT =		NBP =		NFP =	243.0	(E)	CRITTEMP=		CRITPRES=		
DENSITY =	1150.	DENSTEMP=	293.1	SHPSTATE=L			ARHO =		BRHO =		
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=	0.3400E-02	LQVISTMP=	297.1	
AVIS =	-12.92	(E) BVIS =	2150.	(E) LVUPRBND=	303.1		LVLWRBND=	283.1	LQTHRCND=		
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =			B =		AVP =	10.88	
BVP =	2236.	CVP =	-0.1500	VPUPRBND=	373.1		VPLWRBND=	288.1	AVCP =		
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=			HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PAC CHEMNAME = PHOSPHORIC ACID PATHCODE = A P

MOLECWT =	98.00		NBP =	403.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	1600.	(E)	DENSTEMP=	293.2		SHPSTATE=	L		ARHO =	1700.	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	313.0	(E)	LDLWRBND=	303.0	(E)	LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	3000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	3000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0	(E	
LHCLOBND=	293.0	(E)	SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=			HTDECOMP=			HTSOLUTN=	-0.8000E+05	E	
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=	0.2300		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PAD CHEMNAME = PROPIONALDEHYDE PATHCODE = A P Q

MOLECWT =	58.08	NBP =	321.2	NFP =	193.0	CRITTEMP=	496.2	CRITPRES=	0.4800E+07
DENSITY =	805.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1128.	BRHO =	-1.100
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	243.2	LQVISPNT=	0.3440E-03	LQVISTMP=	298.2
AVIS =	-11.31	BVIS =	995.0	LVUPRBND=	323.2	LVLWRBND=	273.2	LQTHRCND=	0.1617
LTHCNTMP=	293.2	ACON =	0.2746	BCON =	-0.3838E-03	LTCUPBND=	333.2	LTCLOBND=	293.2
LQHTCPPT=	2219.	LQHTCPTM=	293.2	AHC =	1298.	BHC =	3.140	LHCUPBND=	333.2
LHCLOBND=	253.2	SURFTENS=	0.2340E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=	21.00	SOLUBTMP=	293.2	A =		B =		AVP =	9.174
BVP =	1155.	CVP =	-44.16	VFUPRBND=	353.2	VPLWRBND=	235.2	AVCP =	0.1545E+05
BVCP =	238.2	CVCP =	-0.8792E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4899E+06	HTCOMBTN=	-0.2901E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.600	UPFLMLIM=	16.10	BURNRATE=	0.7333E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PAH CHEMNAME = PROPIONIC ANHYDRIDE PATHCODE = A O X Y

MOLECWT =	130.1	NBP =	442.0	NFP =	230.0	CRITTEMP=	622.0	CRITPRES=	0.3300E+07
DENSITY =	1010.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1330.	BRHO =	-1.100
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	273.1	LQVISPNT=	0.1120E-02	LQVISTMP=	293.1
AVIS =	-11.20	BVIS =	1290.	LVUPRBND=	373.1	LVLWRBND=	273.1	LQTHRCND=	0.1314
LTHCNTMP=	293.1	ACON =	0.1472	BCON =	-0.5350E-04	LTCUPBND=	373.1	LTCLOBND=	273.1
LQHTCPPT=	1784.	LQHTCPTM=	293.1	AHC =	1170.	BHC =	2.093	LHCUPBND=	373.1
LHCLOBND=	273.1	SURFTENS=	0.3000E-01	SFTNTEMP=	298.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.53
BVP =	2440.	CVP =	-0.1500	VFUPRBND=	453.1	VPLWRBND=	293.1	AVCP =	0.7101E+05
BVCP =	308.6	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3500E+06	HTCOMBTN=	-0.2400E+08	HTDECOMP=		HTSOLUTN=	-0.8400E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.480	UPFLMLIM=	11.90	BURNRATE=	0.5010E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02(E)	UPTOXLIM=	0.1500E-01(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PAL CHEMNAME = N-PROPYL ALCOHOL PATHCODE = A P Q

MOLECWT =	60.10	NBP =	370.4	NFP =	147.0	CRITTEMP=	536.8	CRITPRES=	0.5200E+07
DENSITY =	803.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1044.	BRHO =	-0.8200
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2345.	LQHTCPTM=	293.2	AHC =	-338.9	BHC =	9.211	LHCUPBND=	353.2
LHCLOBND=	263.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.64
BVP =	2469.	CVP =	0.4004E-01	VPUPRBND=	333.2	VPLWRBND=	253.2	AVCP =	0.1784E+05
BVCP =	251.2	CVCP =	-0.6280E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.6808E+06	HTCOMBTN=	-0.3055E+08	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.100	UPFLMLIM=	13.50	BURNRATE=	0.4833E-04
TOXINHAL=	200.0	INHALCNC=	400.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PAN CHEMNAME = PHTHALIC ANHYDRIDE PATHCODE = II A X Y

MOLECWT =	148.1	NBP =	557.8	NFP =	404.0	CRITTEMP=		CRITPRES=			
DENSITY =	1200.	DENSTEMP=	408.2	SHPSTATE=L		ARHO =	1613.	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	473.2	LDLWRBND=	408.2	LQVISPNT=	0.1190E-02	LQVISTMP=	405.2		
AVIS =	-11.06	BVIS =	1753.	LVUPRBND=	473.2	LVLWRBND=	405.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1654.	LQHTCPTM=	405.2	AHC =	636.8	BHC =	2.512	LHCUPBND=	433.2		
LHCLOBND=	405.2	SURFTENS=	0.3550E-01	SFTNTEMP=	428.2	INTFTENS=	0.3000E-01(E)	INTFTTMP=	428.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.073		
BVP =	1940.	CVP =	-83.16	VFUPRBND=	613.2	VPLWRBND=	409.2	AVCP =	-0.4455E+05		
BVCP =	653.6	CVCP =	-0.4271	DVCP =	0.1009E-03	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=	0.1583E+06	LHTVAPOR=	0.4396E+06	HTCOMBTN=	0.2204E+08	HTDECOMP=		HTSOLUTN=	-0.2964E+06		
HTREACTN=	-0.2964E+06	HTPOLYMR=		LOFLMLIM=	1.700	UPFLMLIM=	10.50	BURNRATE=			
TOXINHAL=	2.000	INHALCNC=	4.000	INHALTME=	600.0	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PAS CHEMNAME = POTASSIUM ARSENATE PATHCODE = SS

MOLECWT =	180.0	NBP =		NFP =	561.0	CRITTEMP=		CRITPRES=	
DENSITY =	2800.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	20.00	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.1100E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.6230E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PAT CHEMNAME = N-PROPYL ACETATE PATHCODE = A P Q T U

MOLECWT =	102.1	NBP =	374.8	NFP =	178.2	CRITTEMP=	549.0	CRITPRES=	0.3300E+07						
DENSITY =	886.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1208.	BRHO =	-1.100						
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=	0.5760E-03	LQVISTMP=	293.2						
AVIS =	-11.26	BVIS =	1115.	LVUPRBND=	333.2	LVLWRBND=	283.2	LQTHRCND=	0.1400	(E					
LTHCNTMP=	303.0	(E)	ACON =	0.1400	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	1926.	LQHTCPTM=	293.2	AHC =	698.5	BHC =	4.187	LHCUPBND=	313.2						
LHCLOBND=	273.2	SURFTENS=	0.2430E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E				
SOLUBPNT=	2.000	SOLUBTMP=	293.2	A =		B =		AVP =	9.173						
BVP =	1294.	CVP =	-64.16	VFUPRBND=	413.2	VPLWRBND=	273.2	AVCP =	0.1985E+05						
BVCP =	403.2	CVCP =	-0.1424	DVCP =	-0.7536E-05	VHCUPBND=	600.0	VHCLOBND=	250.0						
HTFUSION=		LHTVAPOR=	0.3362E+06	HTCOMBTN=	-0.2800E+08	(E)	HTDECOMP=		HTSOLUTN=						
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.000	UPFLMLIM=	8.000	BURNRATE=							
TOXINHAL=	200.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02						
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=							
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PBO CHEMNAME = POTASSIUM BINOXALATE PATHCODE = II SS

MOLECWT =	128.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2000.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	2.240	SOLUBTMP=	273.1	A =	-281.5	B =	1.039	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PBP CHEMNAME = PROPYLENE BUTYLENE POLYMER PATHCODE = A T U

MOLECWT =			NBP =			NFP =			CRITTEMP=			CRITPRES=			
DENSITY =			DENSTEMP=			SHPSTATE=			ARHO =			BRHO =			
CRHO =			LDUPRBND=			LDLWRBND=			LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VPUPRBND=			VPLWRBND=			AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4000E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PBR CHEMNAME = PHOSPHORUS TRIBROMIDE PATHCODE = A O

MOLECWT =	270.7	NBP =	446.0	NFP =	232.7	CRITTEMP=			CRITPRES=		
DENSITY =	2880.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	3178.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.1920E-02		LQVISTMP=	293.1	
AVIS =	-9.645	BVIS =	993.9	LVUPRBND=	313.1	LVLWRBND=	278.1		LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=	0.4580E-01	SFTNTEMP=	297.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	9.803	
BVP =	2138.	CVP =	-0.1500	VPUPRBND=	443.1	VPLWRBND=	313.1		AVCP =	0.7603E+05	
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	300.0		VHCLOBND=	280.0	
HTFUSION=		LHTVAPOR=	0.1500E+06	HTCOMBTN=		HTDECOMP=			HTSOLUTN=	-0.1040E+07	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PCB CHEMNAME = POLYCHLORINATED BIPHENYL (PCB) PATHCODE = II

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1300. (E)	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1800. (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.0 (E)	LDLWRBND=	293.0 (E)	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PCH CHEMNAME = POTASSIUM CHROMATE PATHCODE = SS

MOLECWT =	194.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2730.	DENSTEMP=	291.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	64.00	SOLUBTMP=	293.1	A =	-38.60	B =	0.3500	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1154	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PCL CHEMNAME = PERCHLORIC ACID PATHCODE = A P

MOLECWT =	100.5		NBP =		NFP =	161.0	CRITTEMP=		CRITPRES=	
DENSITY =	1650.	(E)	DENSTEMP=	298.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PCM CHEMNAME = PERCHLOROMETHYL MERCAPTAN PATHCODE = A O X

MOLECWT =	185.9	NBP =	421.0	NFP =		CRITTEMP=		CRITPRES=			
DENSITY =	1700.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	993.2 (E)	BRHO =	-1.000	(E	
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1	LTCLOBND=	283.1		
LQHTCPPT=	1256. (E)	LQHTCPTM=	293.1	AHC =	1256. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.1		
LHCLOBND=	288.1	SURFTENS=	0.3502E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =			
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2200E+06(E)	HTCOMBTN=		HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=	0.1000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PCP CHEMNAME = PENTACHLOROPHENOL PATHCODE = II

MOLECWT =	266.3	NBP =	583.0	NFP =	461.0	CRITTEMP=		CRITPRES=	
DENSITY =	1980.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1000 (E)	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4200E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PCR CHEMNAME = POTASSIUM CHLORATE PATHCODE = SS

MOLECWT =	122.6	NBP =		NFP =	633.0	CRITTEMP=		CRITPRES=	
DENSITY =	2340.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	7.300	SOLUBTMP=	293.1	A =	-51.33	B =	0.2000	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=	-0.4100E+06	HTSOLUTN=	0.3430E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PDC CHEMNAME = PENTADECANOL PATHCODE = A T U

MOLECWT =	228.4		NBP =	573.0		NFP =	317.0		CRITTEMP=	713.0		CRITPRES=			
DENSITY =	830.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	830.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	333.0	(E)	LDLWRBND=	317.0	(E)	LQVISPNT=	0.1600E-02	(E)	LQVISTMP=	323.0	(E	
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	333.0	(E)	LVLWRBND=	323.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	323.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	333.0	(E)	LTCLOBND=	323.0	(E	
LQHTCPPT=	2100.	(E)	LQHTCPTM=	323.0	(E)	AHC =	2100.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	333.0	(E	
LHCLOBND=	323.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	323.0	(E)	INTFTENS=	0.3500E-01	(E)	INTFTTMP=	323.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	8.829		
BVP =	1518.		CVP =	-176.2		VFUPRBND=	623.2		VPLWRBND=	453.2		AVCP =	0.3421E+05		
BVCP =	1222.		CVCP =	-0.4124		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4290E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PDL CHEMNAME = PHENYLDICHLOROARSINE, LIQUID PATHCODE = A O X

MOLECWT =	222.9	NBP =	530.0	NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	1650.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1943.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1		LTCLOBND=	283.1	
LQHTCPPT=	1675. (E)	LQHTCPTM=	293.1	AHC =	1675. (E)	BHC =	0.0000E+00(E)		LHCUPBND=	303.1	
LHCLOBND=	283.1	SURFTENS=	0.4464E-01	SFTNTEMP=	291.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	10.03	
BVP =	2672.	CVP =	-0.1500	VFUPRBND=	373.1	VPLWRBND=	283.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.2300E+06	HTCOMBTN=	-0.1500E+08(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	0.3006E-04	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PDT CHEMNAME = POTASSIUM DICHLORO-S-TRIAZINETRIONE PATHCODE = SS

MOLECWT =	236.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	960.0	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	9.900	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PET CHEMNAME = PENTAERYTHRITOL PATHCODE = SS

MOLECWT =	136.2	NBP =		NFP =	534.0	CRITTEMP=		CRITPRES=	
DENSITY =	1390.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	7.200	SOLUBTMP=	298.1	A =	-58.36	B =	0.2200	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2030E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PFA CHEMNAME = PARAFORMALDEHYDE PATHCODE = RR C

MOLECWT =	600.0	NBP =		NFP =	445.0	(E)	CRITTEMP=	CRITPRES=	
DENSITY =	1460.	DENSTEMP=	288.2	SHPSTATE=S			ARHO =	BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=	LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =			LTCUPBND=	LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =	LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=	INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =			B =	AVP =	
BVP =		CVP =		VFUPRBND=			VPLWRBND=	AVCP =	
BVCP =		CVCP =		DVCP =			VHCUPBND=	VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1554E+08		HTDECOMP=	HTSOLUTN=	-0.3496E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	7.000		UPFLMLIM=	73.00	BURNRATE=
TOXINHAL=	5.000	INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-04	UPTOXLIM= 0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PGA CHEMNAME = PYROGALLIC ACID PATHCODE = SS

MOLECWT =	126.0	NBP =	582.0	NFP =	404.0	CRITTEMP=		CRITPRES=	
DENSITY =	1450.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	60.00	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2120E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PGC CHEMNAME = POLYPROPYLENE GLYCOL PATHCODE = A T U X Y

MOLECWT =		NBP =		NFP =	233.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	1010.	DENSTEMP=	293.1	SHPSTATE=	L		ARHO =	1303.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1		LQVISPNT=			LQVISTMP=
AVIS =		BVIS =		LVUPRBND=				LVLWRBND=			LQTHRCND= 0.1628 (E
LTHCNTMP=	293.1	ACON =	0.1628	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1		LTCLOBND= 283.1
LQHTCPPT=	1884.	(E)	LQHTCPTM=	293.1	AHC =	1884.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND= 303.1
LHCLOBND=	273.1	SURFTENS=		SFTNTEMP=				INTFTENS=			INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =				B =			AVP =
BVP =		CVP =		VFUPRBND=				VPLWRBND=			AVCP =
BVCP =		CVCP =		DVCP =				VHCUPBND=			VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3300E+08			HTDECOMP=			HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=				UPFLMLIM=			BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=				LOTOXLIM=	0.5000E-03	(E)	UPTOXLIM= 0.5000E-02 (E
LATETOX =		ABFLMTMP=		MOLRATIO=				AIRFUEL =			FLMETEMP=
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PGM CHEMNAME = POLYPROPYLENE GLYCOL METHYL ETHER PATHCODE = A P Q

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =		DENSTEMP=		SHPSTATE=		ARHO =	900.0 (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.0 (E)	LDLWRBND=	283.0 (E)	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2000. (E)	LQHTCPTM=	293.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.0 (E
LHCLOBND=	283.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=	-0.2870E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PHG CHEMNAME = PHOSGENE PATHCODE = A C I J O

MOLECWT =	98.92	NBP =	281.4	NFP =	147.0	CRITTEMP=	455.0	CRITPRES=	0.5670E+07
DENSITY =	1380.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2113.	BRHO =	-2.500
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1047.	LQHTCPTM=	293.2	AHC =	1047.	BHC =	0.0000E+00	LHCUPBND=	323.2
LHCLOBND=	253.2	SURFTENS=	0.2280E-01	SFTNTEMP=	273.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.636
BVP =	1303.	CVP =	0.4004E-01	VFUPRBND=	373.2	VPLWRBND=	281.2	AVCP =	0.2772E+05
BVCP =	130.0	CVCP =	-0.9839E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.5820E+05	LHTVAPOR=	0.2470E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.2461E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1000	INHALCNC=	1.000	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PHH CHEMNAME = PHENYLHYDRAZINE HYDROCHLORIDE PATHCODE = SS

MOLECWT = 144.6	NBP =	NFP = 516.0	CRITTEMP=	CRITPRES=
DENSITY = 1000. (E)	DENSTEMP= 293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =	LDUPRBND=	LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =	BVIS =	LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=	ACON =	BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=	LQHTCPTM=	AHC =	BHC =	LHCUPBND=
LHCLOBND=	SURFTENS=	SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	SOLUBTMP=	A =	B =	AVP =
BVP =	CVP =	VPUPRBND=	VPLWRBND=	AVCP =
BVCP =	CVCP =	DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=	LHTVAPOR=	HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=	HTPOLYMR=	LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	INHALCNC=	INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =	ABFLMTMP=	MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =				

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PHN CHEMNAME = PHENOL PATHCODE = A P Q

MOLECWT =	94.11	NBP =	455.0	NFP =	314.1	CRITTEMP=	694.3	CRITPRES=	0.6130E+07
DENSITY =	1058.	DENSTEMP=	314.2	SHPSTATE=L		ARHO =	1266.	BRHO =	-0.4540
CRHO =	-0.6700E-03	LDUPRBND=	373.2	LDLWRBND=	314.2	LQVISPNT=	0.4640E-02	LQVISTMP=	314.2
AVIS =	-15.88	BVIS =	3300.	LVUPRBND=	353.2	LVLWRBND=	314.2	LQTHRCND=	0.1605
LTHCNTMP=	323.2	ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2350. (E)	LQHTCPTM=	315.0 (E)	AHC =	2350. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	330.0 (E
LHCLOBND=	315.0 (E)	SURFTENS=	0.3650E-01	SFTNTEMP=	328.2	INTFTENS=	0.2000E-01(E)	INTFTTMP=	315.0 (E
SOLUBPNT=	8.400	SOLUBTMP=	293.2	A =		B =		AVP =	10.71
BVP =	2593.	CVP =	0.4004E-01	VFUPRBND=	453.2	VPLWRBND=	293.2	AVCP =	-0.2474E+05
BVCP =	515.4	CVCP =	-0.2847	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3014E+06	HTCOMBTN=	-0.3117E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.700	UPFLMLIM=	8.600	BURNRATE=	0.5833E-04
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PII CHEMNAME = PROPYLENEIMINE, INHIBITED PATHCODE = A O P Q R S Z

MOLECWT =	57.10		NBP =	339.0		NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	802.0		DENSTEMP=	298.1		SHPSTATE=L			ARHO =	1100.		BRHO =	-1.000		
CRHO =	0.0000E+00		LDUPRBND=	323.1		LDLWRBND=	273.1		LQVISPNT=	0.4200E-03		LQVISTMP=	298.1		
AVIS =	-10.13	(E)	BVIS =	700.0	(E)	LVUPRBND=	303.1		LVLWRBND=	283.1		LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1		ACON =	0.1512	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.1		LTCLOBND=	283.1		
LQHTCPPT=	1758.	(E)	LQHTCPTM=	293.1		AHC =	531.1	(E)	BHC =	4.187	(E)	LHCUPBND=	298.1		
LHCLOBND=	283.1		SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.1		INTFTENS=			INTFTTMP=			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	10.30		
BVP =	1796.		CVP =	-0.1500		VFUPRBND=	343.1		VPLWRBND=	283.1		AVCP =	-0.1580E+05	(E	
BVCP =	414.0	(E)	CVCP =	-0.2708	(E)	DVCP =	0.6692E-04	(E)	VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.5820E+06		HTCOMBTN=	-0.3600E+08	(E)	HTDECOMP=			HTSOLUTN=	-0.3300E+06		
HTREACTN=			HTPOLYMR=	-0.1700E+07	(E)	LOFLMLIM=			UPFLMLIM=			BURNRATE=	0.6847E-04		
TOXINHAL=	2.000		INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=	0.5000E-04	(E	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PLB CHEMNAME = POLYBUTENE PATHCODE = A T U

MOLECWT =	1000.	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	810.0 (E)	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	850.0 (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.0 (E)	LDLWRBND=	283.0 (E)	LQVISPNT=	0.1015 (E)	LQVISTMP=	311.2
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	0.1500 (E
LTHCNTMP=	293.0 (E)	ACON =	0.1500 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.0 (E)	LTCLOBND=	283.0 (E
LQHTCPPT=	2000. (E)	LQHTCPTM=	293.0 (E)	AHC =	2000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	303.0 (E
LHCLOBND=	283.0 (E)	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.0 (E)	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.24
BVP =	2940.	CVP =	-0.1599	VFUPRBND=	473.2	VPLWRBND=	393.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PLP CHEMNAME = POLYPROPYLENE PATHCODE = II

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	900.0	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4560E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PLT CHEMNAME = BETA-PROPIOLACTONE PATHCODE = A P Q

MOLECWT =	72.10	NBP =		NFP =	239.8	CRITTEMP=			CRITPRES=		
DENSITY =	1150.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1443.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00	(E) LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.8200E-03	(E)	LQVISTMP=	293.1	
AVIS =	-11.61	(E) BVIS =	1320.	(E) LVUPRBND=	298.1	LVLWRBND=	283.1		LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=	1758.	(E) LQHTCPTM=	293.1	AHC =	531.1	(E) BHC =	4.187	(E)	LHCUPBND=	298.1	
LHCLOBND=	278.1	SURFTENS=	0.2200E-01	(E) SFTNTEMP=	293.1	INTFTENS=	0.2500E-01	(E)	INTFTTMP=	293.1	
SOLUBPNT=	68.00	SOLUBTMP=	298.1	A =		B =			AVP =	8.543	(E
BVP =	1750.	(E) CVP =	-0.1500	(E) VFUPRBND=	333.1	VPLWRBND=	303.1		AVCP =	0.1899E+05	(E
BVCP =	265.4	(E) CVCP =	-0.1497	(E) DVCP =	0.2913E-04	(E) VHCUPBND=	600.0		VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2400E+08	(E) HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.900	UPFLMLIM=			BURNRATE=		
TOXINHAL=	0.0000E+00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PME CHEMNAME = PROPYLENE GLYCOL METHYL ETHER PATHCODE = A P Q

MOLECWT =	90.12	NBP =	394.0	NFP =		CRITTEMP=	554.0	CRITPRES=	
DENSITY =	924.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1247.	BRHO =	-1.100
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	283.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.284
BVP =	1355.	CVP =	-77.16	VFUPRBND=	433.2	VPLWRBND=	293.2	AVCP =	0.3119E+05(E
BVCP =	406.0 (E)	CVCP =	-0.2010 (E)	DVCP =	0.3600E-04(E)	VHCUPBND=	600.0 (E)	VHCLOBND=	250.0 (E
HTFUSION=		LHTVAPOR=	0.3860E+06(E)	HTCOMBTN=	-0.3170E+08(E)	HTDECOMP=		HTSOLUTN=	-0.2000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PMN CHEMNAME = N-PROPYL MERCAPTAN PATHCODE = A T U V W

MOLECWT =	76.20	NBP =	340.0	NFP =	160.0	CRITTEMP=	530.0	(E)	CRITPRES=	0.4600E+07	(E
DENSITY =	841.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	987.6		BRHO =	-0.5000	
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.4000E-03		LQVISTMP=	293.1	
AVIS =	-10.21	(E) BVIS =	700.0	(E) LVUPRBND=	303.1	LVLWRBND=	283.1		LQTHRCND=	0.1512	(E
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	303.1		LTCLOBND=	283.1	
LQHTCPPT=	1884.	LQHTCPTM=	288.1	AHC =	677.6	(E) BHC =	4.187	(E)	LHCUPBND=	303.1	
LHCLOBND=	283.1	SURFTENS=	0.2470E-01	SFTNTEMP=	293.1	INTFTENS=	0.1800E-01	(E)	INTFTTMP=	293.1	
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	9.820	
BVP =	1637.	CVP =	-0.1500	VFUPRBND=	343.1	VPLWRBND=	273.1		AVCP =	0.9282E+05	
BVCP =	0.0000E+00	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0		VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.4160E+06	HTCOMBTN=	-0.3400E+08	(E) HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	0.8517E-04	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PNA CHEMNAME = PROPIONIC ACID PATHCODE = A P C

MOLECWT =	74.08	NBP =	414.0	NFP =	252.5	CRITTEMP=	612.0	CRITPRES=	0.5370E+07
DENSITY =	995.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1320.	BRHO =	-1.100
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2340.	LQHTCPTM=	293.2	AHC =	1504.	BHC =	2.847	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.2620E-01	SFTNTEMP=	298.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.84
BVP =	2410.	CVP =	0.4004E-01	VFUPRBND=	413.2	VPLWRBND=	273.2	AVCP =	-0.1365E+05
BVCP =	441.9	CVCP =	-0.3119	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.9797E+05	LHTVAPOR=	0.5778E+06	HTCOMBTN=	-0.2066E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.900	UPFLMLIM=	14.80	BURNRATE=	0.3667E-04
TOXINHAL=	10.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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POP CHEMNAME = POTASSIUM PEROXIDE PATHCODE = RR

MOLECWT =	110.0		NBP =		NFP =	763.0	CRITTEMP=		CRITPRES=	
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	
BVP =			CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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POX CHEMNAME = PROPYLENE OXIDE PATHCODE = A P Q R S

MOLECWT =	58.08	NBP =	307.5	NFP =	161.3	CRITTEMP=	482.3	CRITPRES=	0.4920E+07
DENSITY =	830.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1210.	BRHO =	-1.300
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	233.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2160.	LQHTCPTM=	293.2	AHC =	-539.9	BHC =	9.211	LHCUPBND=	353.2
LHCLOBND=	253.2	SURFTENS=	0.2450E-01	SFTNTEMP=	288.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=	40.50	SOLUBTMP=	293.2	A =		B =		AVP =	8.780
BVP =	915.3	CVP =	-64.86	VPUPRBND=	343.2	VPLWRBND=	223.2	AVCP =	-7871.
BVCP =	322.4	CVCP =	-0.1951	DVCP =	0.4605E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4773E+06	HTCOMBTN=	-0.3023E+08	HTDECOMP=		HTSOLUTN=	-0.4500E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.100	UPFLMLIM=	38.50	BURNRATE=	0.5500E-04
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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PPA CHEMNAME = POLYPHOSPHORIC ACID PATHCODE = A P O

MOLECWT =		NBP =	823.0	NFP =	311.0	CRITTEMP=		CRITPRES=	
DENSITY =	2050.	DENSTEMP=	311.2	SHPSTATE=L		ARHO =	2316.	BRHO =	-0.9000
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1243.	LQHTCPTM=	311.2	AHC =	325.7	BHC =	2.931	LHCUPBND=	473.2
LHCLOBND=	311.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.01
BVP =	4942.	CVP =	0.4004E-01	VPUPRBND=	773.2	VPLWRBND=	313.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.3923E+06	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PPG CHEMNAME = PROPYLENE GYLCOL PATHCODE = A P Q

MOLECWT =	76.10	NBP =	460.5	NFP =	213.0	(E) CRITTEMP=		CRITPRES=	
DENSITY =	1040.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1275.	BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2483.	LQHTCPTM=	293.2	AHC =	764.4	BHC =	5.862	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.3600E-01	SFTNTEMP=	298.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.576
BVP =	1587.	CVP =	-113.2	VFUPRBND=	473.2	VPLWRBND=	293.2	AVCP =	0.4400E+05
BVCP =	311.1	CVCP =	-0.1675	DVCP =	0.3559E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.7118E+06	HTCOMBTN=	-0.2398E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.600	UPFLMLIM=	12.50	BURNRATE=	0.2500E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PPI CHEMNAME = POLYMETHYLENE POLYPHENYL ISOCYANATE PATHCODE = A O X Y

MOLECWT =	400.0	(E)	NBP =	473.0	NFP =		CRITTEMP=			CRITPRES=	
DENSITY =	1200.		DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1493.	(E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.7990		LQVISTMP=	283.1
AVIS =	-50.05		BVIS =	0.1410E+05	LVUPRBND=	288.1	LVLWRBND=	273.1		LQTHRCND=	0.1512 (E
LTHCNTMP=	293.1		ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	303.1		LTCLOBND=	283.1
LQHTCPPT=	1675.	(E)	LQHTCPTM=	293.1	AHC =	1675.	(E) BHC =	0.0000E+00	(E)	LHCUPBND=	298.1
LHCLOBND=	283.1		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =			AVP =	3.651
BVP =	1985.		CVP =	-0.1500	VFUPRBND=	373.1	VPLWRBND=	283.1		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.3000E+08	(E) HTDECOMP=			HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=	
TOXINHAL=	0.2000E-01		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PPL CHEMNAME = PROPYLENE PATHCODE = A B C D E F G

MOLECWT =	42.08	NBP =	225.5	NFP =	88.00	CRITTEMP=	365.0	CRITPRES=	0.4620E+07
DENSITY =	609.0	DENSTEMP=	226.2	SHPSTATE=L		ARHO =	878.8	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	233.2	LDLWRBND=	173.2	LQVISPNT=	0.1500E-03	LQVISTMP=	226.2
AVIS =	-10.78	BVIS =	445.0	LVUPRBND=	233.2	LVLWRBND=	203.2	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2805.	LQHTCPTM=	293.2	AHC =	955.7	BHC =	6.280	LHCUPBND=	298.2
LHCLOBND=	213.2	SURFTENS=	0.1670E-01	SFTNTEMP=	226.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.945
BVP =	785.0	CVP =	-26.16	VPUPRBND=	243.2	VPLWRBND=	163.2	AVCP =	0.1164E+05
BVCP =	189.9	CVCP =	-0.4815E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4354E+06	HTCOMBTN=	-0.4580E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.000	UPFLMLIM=	11.10	BURNRATE=	0.1333E-03
TOXINHAL=	4000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=	2518. (E)	MOLRATIO=	0.9167 (E)	AIRFUEL =	14.68 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PPO CHEMNAME = PHOSPHORUS OXYCHLORIDE PATHCODE = A O

MOLECWT =	153.3		NBP =	380.0		NFP =	274.0		CRITTEMP=	605.0		CRITPRES=			
DENSITY =	1675.		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	2204.		BRHO =	-1.800		
CRHO =	0.0000E+00		LDUPRBND=	333.2		LDLWRBND=	274.2		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	1600.	(E)	LQHTCPTM=	293.0	(E)	AHC =	1600.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	293.0	(E)	SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=			
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.853	(E	
BVP =	1842.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	380.0	(E)	VPLWRBND=	330.0	(E)	AVCP =	0.3700E+05	(E	
BVCP =	0.0000E+00	(E)	CVCP =	0.0000E+00	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	300.0	(E)	VHCLOBND=	300.0	(E	
HTFUSION=			LHTVAPOR=	0.2261E+06		HTCOMBTN=			HTDECOMP=			HTSOLUTN=			
HTREACTN=	-0.2223E+07		HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=	0.5000		INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PPP CHEMNAME = PHOSPHORUS PENTASULFIDE PATHCODE = RR C

MOLECWT =	222.3	NBP =	787.0	NFP =	548.0	CRITTEMP=		CRITPRES=	
DENSITY =	2030.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=	0.1591E+06	LHTVAPOR=	0.4271E+06	HTCOMBTN=	-0.2533E+08	HTDECOMP=		HTSOLUTN=	-0.5000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	10.00	INHALCNC=	20.00	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PPR CHEMNAME = PHOSPHORUS, RED PATHCODE = II

MOLECWT =	123.9	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	2200.	DENSTEMP=	293.2	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VPUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PPT CHEMNAME = PHOSPHORUS TRICHLORIDE PATHCODE = A O

MOLECWT =	137.3	NBP =	349.0	NFP =	161.0	CRITTEMP=	559.0	CRITPRES=			
DENSITY =	1575.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2132.	BRHO =	-1.900		
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=			
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1600.	(E) LQHTCPTM=	293.0	(E) AHC =	1600.	(E) BHC =	0.0000E+00	(E) LHCUPBND=	303.0	(E	
LHCLOBND=	283.0	(E) SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.806		
BVP =	1664.	CVP =	0.4004E-01	VFUPRBND=	373.2	VPLWRBND=	293.2	AVCP =	0.3700E+05	(E	
BVCP =	0.0000E+00	(E) CVCP =	0.0000E+00	(E) DVCP =	0.0000E+00	(E) VHCUPBND=	300.0	(E) VHCLOBND=	300.0	(E	
HTFUSION=		LHTVAPOR=	0.2219E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=			
HTREACTN=	-0.2107E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=	0.5000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PPW CHEMNAME = PHOSPHORUS, WHITE PATHCODE = II

MOLECWT =	123.9	NBP =	552.9	NFP =	317.3	CRITTEMP=		CRITPRES=	
DENSITY =	1820.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1800E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PPZ CHEMNAME = PIPERAZINE PATHCODE = A P Q

MOLECWT =	86.00	NBP =	421.0	NFP =	379.0	CRITTEMP=		CRITPRES=	
DENSITY =	1100.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.82
BVP =	2870.	CVP =	-0.1500	VFUPRBND=	423.1	VPLWRBND=	293.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3430E+08	HTDECOMP=		HTSOLUTN=	-0.8120E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PRD CHEMNAME = PYRIDINE PATHCODE = A P Q R S

MOLECWT =	79.10	NBP =	388.5	NFP =	231.0	CRITTEMP=	620.0	CRITPRES=	0.5630E+07
DENSITY =	983.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1273.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1721.	LQHTCPTM=	293.2	AHC =	1023.	BHC =	2.386	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.3800E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.113
BVP =	1344.	CVP =	-61.16	VPUPRBND=	423.2	VPLWRBND=	285.2	AVCP =	-0.3977E+05
BVCP =	489.9	CVCP =	-0.3559	DVCP =	0.1005E-03	VHCUPBND=	500.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4480E+06	HTCOMBTN=	-0.3346E+08	HTDECOMP=		HTSOLUTN=	-0.3000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	12.40	BURNRATE=	0.7167E-04
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PRP CHEMNAME = PROPANE PATHCODE = A B C D E F G

MOLECWT =	44.09	NBP =	231.1	NFP =	85.50	CRITTEMP=	176.5	CRITPRES=	0.4249E+07		
DENSITY =	590.0	DENSTEMP=	223.2	SHPSTATE=L		ARHO =	835.5	BRHO =	-1.100		
CRHO =	0.0000E+00	LDUPRBND=	233.2	LDLWRBND=	153.2	LQVISPNT=	0.2050E-03	LQVISTMP=	233.2		
AVIS =	-10.75	BVIS =	525.0	LVUPRBND=	233.2	LVLWRBND=	173.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	2973.	LQHTCPTM=	293.2	AHC =	-95.88	BHC =	10.47	LHCUPBND=	323.2		
LHCLOBND=	223.2	SURFTENS=	0.1600E-01	SFTNTEMP=	226.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	223.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.955		
BVP =	813.2	CVP =	-25.16	VFUPRBND=	247.2	VPLWRBND=	123.2	AVCP =	4271.		
BVCP =	255.0	CVCP =	-0.7536E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.4262E+06	HTCOMBTN=	-0.4601E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.100	UPFLMLIM=	9.500	BURNRATE=	0.1367E-03		
TOXINHAL=	1000.	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=	2419. (E)	MOLRATIO=	0.8571 (E)	AIRFUEL =	15.60 (E)	FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTA CHEMNAME = PENTANE PATHCODE = A T U V W

MOLECWT =	72.15	NBP =	309.3	NFP =	143.8	CRITTEMP=	469.7	CRITPRES=	0.3370E+07		
DENSITY =	626.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	904.5	BRHO =	-0.9500		
CRHO =	0.0000E+00	LDUPRBND=	298.2	LDLWRBND=	243.2	LQVISPNT=	0.2350E-03	LQVISTMP=	293.2		
AVIS =	-10.71	BVIS =	690.0	LVUPRBND=	298.2	LVLWRBND=	243.2	LQTHRCND=	0.1158		
LTHCNTMP=	293.2	ACON =	0.1908	BCON =	-0.2559E-03	LTCUPBND=	353.2	LTCLOBND=	253.2		
LQHTCPPT=	2332.	LQHTCPTM=	293.2	AHC =	1032.	BHC =	4.438	LHCUPBND=	323.2		
LHCLOBND=	263.2	SURFTENS=	0.1600E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.977		
BVP =	1065.	CVP =	-41.16	VPUPRBND=	323.2	VPLWRBND=	273.2	AVCP =	0.1038E+05		
BVCP =	406.1	CVCP =	-0.1256	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3575E+06	HTCOMBTN=	-0.4501E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400	UPFLMLIM=	8.300	BURNRATE=	0.1433E-03		
TOXINHAL=	500.0	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTB CHEMNAME = PENTABORANE PATHCODE = A O T U V W

MOLECWT =	63.20	NBP =	331.5	NFP =	224.6	CRITTEMP=	500.0	CRITPRES=	0.3900E+07
DENSITY =	623.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	881.4	BRHO =	-0.8800
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.3200E-03	LQVISTMP=	293.1
AVIS =	-11.15	BVIS =	913.0	LVUPRBND=	323.1	LVLWRBND=	273.1	LQTHRCND=	0.1419
LTHCNTMP=	298.1	ACON =	0.2112	BCON =	-0.2326E-03	LTCUPBND=	298.1	LTCLOBND=	243.1
LQHTCPPT=	2328.	LQHTCPTM=	290.1	AHC =	507.8	BHC =	6.280	LHCUPBND=	303.1
LHCLOBND=	243.1	SURFTENS=	0.2080E-01	SFTNTEMP=	298.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.965
BVP =	1677.	CVP =	-0.1500	VFUPRBND=	343.1	VPLWRBND=	283.1	AVCP =	0.9378E+05(E
BVCP =	418.7 (E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	400.0	VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.5100E+06	HTCOMBTN=	-0.6770E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.4200	UPFLMLIM=	98.00	BURNRATE=	
TOXINHAL=	0.5000E-02	INHALCNC=	4.000	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTC CHEMNAME = POTASSIUM CYANIDE PATHCODE = SS

MOLECWT =	65.12	NBP =		NFP =	907.7	CRITTEMP=		CRITPRES=	
DENSITY =	1520.	DENSTEMP=	289.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	71.60	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTD CHEMNAME = POTASSIUM DICHROMATE PATHCODE = SS

MOLECWT =	294.2	NBP =		NFP =	671.0	CRITTEMP=		CRITPRES=	
DENSITY =	2676.	DENSTEMP=	298.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-118.3	B =	0.4500	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTE CHEMNAME = 1-PENTENE PATHCODE = A T U V W

MOLECWT =	70.13	NBP =	303.1	NFP =	108.0	CRITTEMP=	464.8	CRITPRES=	0.4050E+07		
DENSITY =	641.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	934.2	BRHO =	-1.0000		
CRHO =	0.0000E+00	LDUPRBND=	298.2	LDLWRBND=	263.2	LQVISPNT=	0.2000E-03	LQVISTMP=	293.2		
AVIS =	-10.91	BVIS =	700.0	LVUPRBND=	293.2	LVLWRBND=	233.2	LQTHRCND=	0.1221		
LTHCNTMP=	293.2	ACON =	0.2648	BCON =	-0.4885E-03	LTCUPBND=	323.2	LTCLOBND=	263.2		
LQHTCPPT=	2194.	LQHTCPTM=	293.2	AHC =	1189.	BHC =	3.433	LHCUPBND=	353.2		
LHCLOBND=	253.2	SURFTENS=	0.1650E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	8.971		
BVP =	1045.	CVP =	-39.66	VFUPRBND=	353.2	VPLWRBND=	213.2	AVCP =	0.1009E+05		
BVCP =	372.6	CVCP =	-0.1298	DVCP =	0.0000E+00	VHCUPBND=	300.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3595E+06	HTCOMBTN=	-0.4503E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400	UPFLMLIM=	8.700	BURNRATE=	0.1517E-03		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTH CHEMNAME = POTASSIUM HYDROXIDE PATHCODE = SS

MOLECWT =	56.11	NBP =		NFP =	653.0	CRITTEMP=		CRITPRES=	
DENSITY =	2040.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-168.0	B =	0.9700	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTI CHEMNAME = POTASSIUM IODIDE PATHCODE = SS

MOLECWT =	166.0	NBP =		NFP =	954.0	CRITTEMP=		CRITPRES=	
DENSITY =	3130.	DENSTEMP=	288.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-96.49	B =	0.8200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTL CHEMNAME = PETROLATUM PATHCODE = A T U

MOLECWT =		NBP =		NFP =	330.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	862.0	(E)	DENSTEMP=	351.2			SHPSTATE=L				
CRHO =	0.0000E+00	(E)	LDUPRBND=	340.0	(E)	LDLWRBND=	330.0	(E)	LQVISPNT=	0.8600E-02	(E)
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=		
LTHCNTMP=	330.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	340.0	(E)
LQHTCPPT=	2000.	(E)	LQHTCPTM=	330.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)
LHCLOBND=	330.0	(E)	SURFTENS=	0.4500E-01	(E)	SFTNTEMP=	330.0	(E)	INTFTENS=	0.5000E-01	(E)
SOLUBPNT=			SOLUBTMP=			A =			B =		
BVP =			CVP =			VPUPRBND=			VPLWRBND=		
BVCP =			CVCP =			DVCP =			VHCUPBND=		
HTFUSION=			LHTVAPOR=	0.2261E+06	(E)	HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =		
MOLFRAC =											

ARHO =	865.0	(E)	BRHO =	0.0000E+00	(E	LQVISTMP=	373.2				
LTCLOBND=	330.0	(E	LHCUPBND=	340.0	(E	INTFTTMP=	330.0	(E			
AVP =			AVCP =			VHCLOBND=			HTSOLUTN=		
BURNRATE=			UPTOXLIM=	0.1500E-01		FLMETEMP=					

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

PTM CHEMNAME = POTASSIUM, METALLIC PATHCODE = RR

MOLECWT =	39.00	NBP =	1047.	NFP =	336.0	CRITTEMP=		CRITPRES=	
DENSITY =	860.0	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.4657E+07	HTDECOMP=		HTSOLUTN=	-0.4891E+07
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTN CHEMNAME = PETROLEUM NAPHTHA PATHCODE = A T U V W

MOLECWT =			NBP =	370.4		NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	740.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1033.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	303.2		LDLWRBND=	283.2		LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0		(E
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	313.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=	0.1500		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	283.0		(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0		(E
LHCLOBND=	283.0	(E)	SURFTENS=	0.2100E-01	(E)	SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.2		
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.641		(E
BVP =	2086.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	450.0	(E)	VPLWRBND=	300.0	(E)	AVCP =	0.1990E+05		(E
BVCP =	1073.	(E)	CVCP =	-0.6010	(E)	DVCP =	0.0000E+00	(E)	VHCUPBND=	500.0	(E)	VHCLOBND=	300.0		(E
HTFUSION=			LHTVAPOR=	0.2973E+06	(E)	HTCOMBTN=	-0.4240E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.9000		UPFLMLIM=	6.000		BURNRATE=	0.6667E-04		
TOXINHAL=			INHALCNC=	500.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTO CHEMNAME = PARATHION, LIQUID PATHCODE = A O X Y

MOLECWT =	291.3	NBP =		NFP =	279.0	CRITTEMP=		CRITPRES=			
DENSITY =	1270.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1563.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	278.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1396	(E
LTHCNTMP=	293.1	ACON =	0.1396	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1		LTCLOBND=	288.1	
LQHTCPPT=	2093.	LQHTCPTM=	293.1	AHC =	2093.	(E) BHC =	0.0000E+00(E)		LHCUPBND=	303.1	
LHCLOBND=	288.1	SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =		
BVP =		CVP =		VFUPRBND=		VPLWRBND=			AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2200E+08(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=	0.7700E-03	INHALCNC=	0.3800E-01	INHALTME=	1800.	LOTOXLIM=			UPTOXLIM=	0.5000E-04(E	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTP CHEMNAME = POTASSIUM PERMANGANATE PATHCODE = SS

MOLECWT =	158.0	NBP =		NFP =	513.0	(E)	CRITTEMP=		CRITPRES=		
DENSITY =	2700.	DENSTEMP=	288.2	SHPSTATE=	S		ARHO =		BRHO =		
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=		
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =	-54.56		B =	0.2100	AVP =		
BVP =		CVP =		VFUPRBND=			VPLWRBND=		AVCP =		
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=			HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTS CHEMNAME = POTASSIUM OXALATE PATHCODE = SS

MOLECWT =	184.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2130.	DENSTEMP=	291.6	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	35.70	SOLUBTMP=	293.1	A =	-113.9	B =	0.5100	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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PTT CHEMNAME = PROPYLENE TETRAMER PATHCODE = A T U

MOLECWT =	168.3		NBP =	458.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	770.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =			BRHO =			
CRHO =			LDUPRBND=			LDLWRBND=			LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.630	(E	
BVP =	2150.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	465.0	(E)	VPLWRBND=	300.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.2450E+06	(E)	HTCOMBTN=	-0.4290E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=	200.0		INHALCNC=			INHALTME=			LOTOXLIM=	0.1500E-01	(E)	UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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QNL CHEMNAME = QUINOLINE PATHCODE = A T U X Y

MOLECWT =	129.0	NBP =	510.0	NFP =	258.0	CRITTEMP=	782.0	CRITPRES=	
DENSITY =	1090.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1383. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	283.1	LQVISPNT=	0.3700E-02	LQVISTMP=	293.1
AVIS =	-12.73	BVIS =	2091.	LVUPRBND=	308.1	LVLWRBND=	273.1	LQTHRCND=	0.1465
LTHCNTMP=	303.1	ACON =	0.1465	BCON =	0.0000E+00	LTCUPBND=	303.1	LTCLOBND=	273.1
LQHTCPPT=	1465.	LQHTCPTM=	293.1	AHC =	1465. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.1
LHCLOBND=	273.1	SURFTENS=	0.4500E 01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6000	SOLUBTMP=	293.1	A =		B =		AVP =	10.26
BVP =	2682.	CVP =	-0.1500	VPUPRBND=	511.1	VPLWRBND=	353.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3600E+06(E)	HTCOMBTN=	-0.3650E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6780E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

RSC CHEMNAME = RESORCINOL PATHCODE = SS

MOLECWT =	110.1	NBP =	550.0	NFP =	382.0	CRITTEMP=		CRITPRES=	
DENSITY =	1200.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	58.40	SOLUBTMP=	293.1	A =	-32.48	B =	0.3100	AVP =	11.44
BVP =	3538.	CVP =	-0.1500	VFUPRBND=	553.1	VPLWRBND=	423.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2590E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

SAB CHEMNAME = SODIUM ALKYLBENZENESULFONATES PATHCODE = SS

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1000.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

SAC CHEMNAME = SULFURIC ACID, SPENT PATHCODE = A P

MOLECWT =		NBP =	373.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1390.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1601.	BRHO =	-0.7000
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2428.	LQHTCPTM=	293.2	AHC =	2428.	BHC =	0.0000E+00	LHCUPBND=	313.2
LHCLOBND=	283.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.9713E+06(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

SAM CHEMNAME = SODIUM AMIDE PATHCODE = RR

MOLECWT =	39.01	NBP =	673.0	NFP =	483.0	CRITTEMP=		CRITPRES=	
DENSITY =	1390.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.6586E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SAR CHEMNAME = SODIUM ARSENITE PATHCODE = SS

MOLECWT =	160.0	(E)	NBP =		NFP =	888.0	CRITTEMP=		CRITPRES=	
DENSITY =	1870.		DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.7000E-01	(E)	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

SAS CHEMNAME = SODIUM ALKYL SULFATES PATHCODE = SS

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =		DENSTEMP=		SHPSTATE=		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSICN=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

SAZ CHEMNAME = SODIUM AZIDE PATHCODE = SS

MOLECWT =	65.00	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1850.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	39.00	SOLUBTMP=	273.1	A =	-10.17	B =	0.1800	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

SBH CHEMNAME = SODIUM BOROHYDRIDE PATHCODE = RR C

MOLECWT =	37.83	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1074.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-302.8	B =	1.200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.8583E+05	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SBS CHEMNAME = SODIUM BISULFITE PATHCODE = SS

MOLECWT =	104.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1480.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	25.00	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SBT CHEMNAME = SORBITOL PATHCODE = A P O

MOLECWT =	182.2	NBP =		NFP =	383.0	CRITTEMP=		CRITPRES=	
DENSITY =	1490.	DENSTEMP=	288.2	SHPSTATE=L		ARHO =	1778.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	298.2	LDLWRBND=	283.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3000. (E)	LQHTCPTM=	390.0 (E)	AHC =	3000. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	410.0 (E
LHCLOBND=	390.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1570E+08(E)	HTDECOMP=		HTSOLUTN=	-0.5000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SCD CHEMNAME = SODIUM CACODYLATE PATHCODE = SS

MOLECWT =	160.0		NBP =		NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =		
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=		
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=	200.0		SOLUBTMP=	293.1	A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSICN=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SCH CHEMNAME = SODIUM CHROMATE PATHCODE = SS

MOLECWT =	162.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2723.	DENSTEMP=	298.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	78.50	SOLUBTMP=	293.1	A =	-607.6	B =	2.340	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.5700E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1400E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

AD-A034 607 LITTLE (ARTHUR D) INC CAMBRIDGE MASS F/G 7/2
CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
DEC 76 E ATKINSON DOT-CG-24655-A
UNCLASSIFIED USCG-D-124-76 NL

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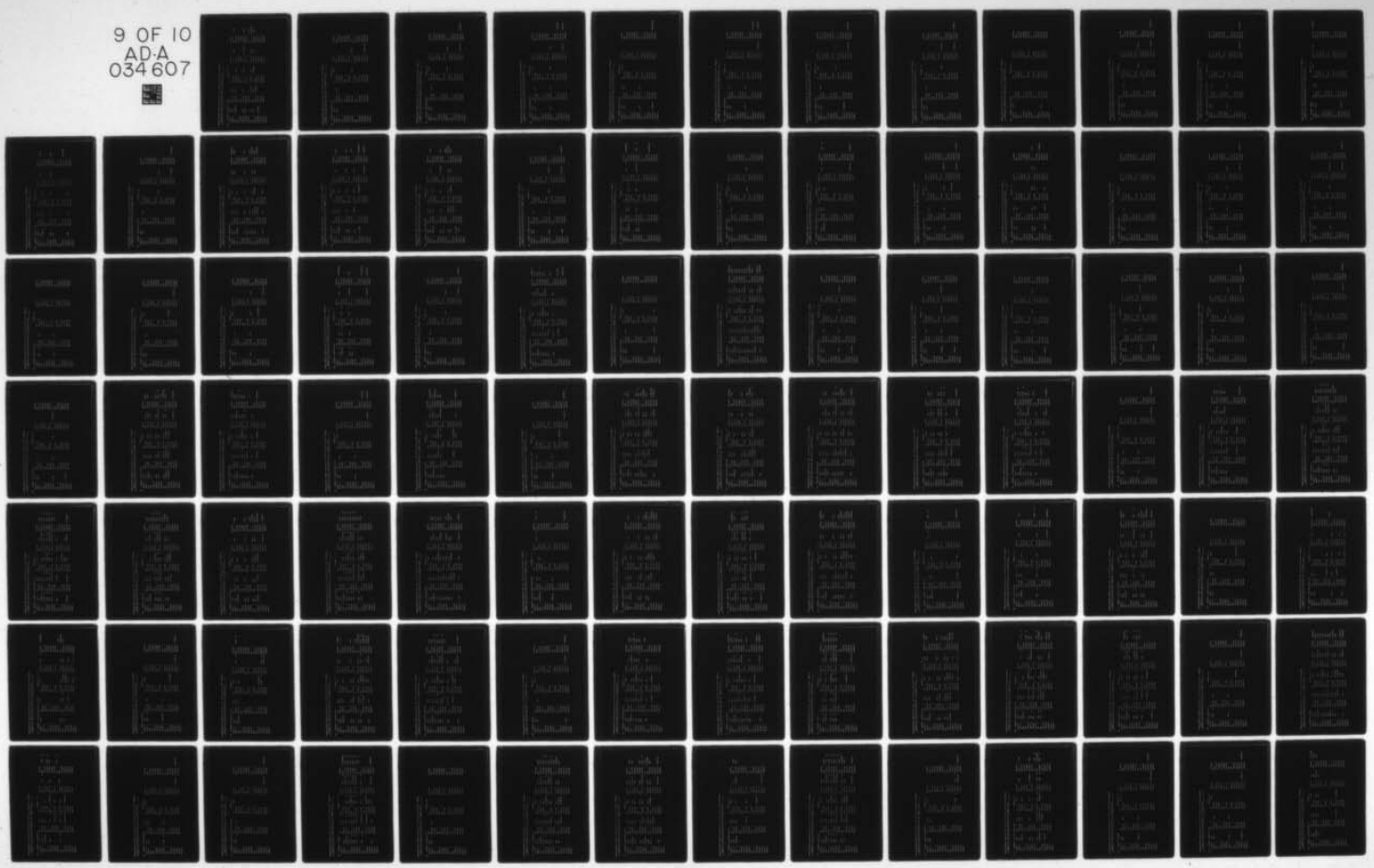

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SCL CHEMNAME = SULFURYL CHLORIDE PATHCODE = A O

MOLECWT =	135.0	NBP =	342.3	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1670.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2284.	BRHO =	-2.100
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	963.0	LQHTCPTM=	293.2	AHC =	963.0	BHC =	0.0000E+00	LHCUPBND=	333.2
LHCLOBND=	283.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.01
BVP =	1714.	CVP =	0.4004E-01	VFUPRBND=	373.2	VPLWRBND=	253.2	AVCP =	0.3977E+05
BVCP =	164.1	CVCP =	-0.1340	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2072E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.2060E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

SCN CHEMNAME = SODIUM CYANIDE PATHCODE = SS

MOLECWT =	49.01	NBP =		NFP =	837.0	CRITTEMP=		CRITPRES=	
DENSITY =	1600.	DENSTEMP=	298.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-213.4	B =	0.9400	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SCR CHEMNAME = SODIUM DICHROMATE PATHCODE = SS

MOLECWT =	262.0	NBP =		NFP =	630.0	CRITTEMP=		CRITPRES=	
DENSITY =	2350.	DENSTEMP=	298.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-92.47	B =	0.9400	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SCY CHEMNAME = SODIUM THIOCYANATE PATHCODE = SS

MOLECWT =	81.08		NBP =		NFP =	573.0	CRITTEMP=		CRITPRES=	
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	165.6		SOLUBTMP=	293.1	A =	-1502.	B =	5.690	AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.8120E+05
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SDA CHEMNAME = SODIUM ARSENATE PATHCODE = SS

MOLECWT =	312.0	NBP =	453.0	NFP =	330.0	CRITTEMP=		CRITPRES=	
DENSITY =	1870.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	159.7	SOLUBTMP=	288.1	A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3600E-01	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SDB CHEMNAME = SODIUM BORATE PATHCODE = SS

MOLECWT =	201.3	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2367.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	2.720	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.2100E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SDC CHEMNAME = SODIUM CHLORATE PATHCODE = SS

MOLECWT =	106.5	NBP =		NFP =	521.0	CRITTEMP=		CRITPRES=	
DENSITY =	2490.	DENSTEMP=	288.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-221.5	B =	1.100	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=	0.2052E+06	LHTVAPOR=		HTCOMBSTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SDF CHEMNAME = SODIUM FLUORIDE PATHCODE = SS

MOLECWT =	41.99	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2790.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-1.803	B =	0.2000E-01	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SDH CHEMNAME = SODIUM HYDRIDE PATHCODE = RR

MOLECWT = 24.00	NBP =	NFP =	CRITTEMP=	CRITPRES=
DENSITY =	DENSTEMP=	SHPSTATE=	ARHO =	BRHO =
CRHO =	LDUPRBND=	LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =	BVIS =	LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=	ACON =	BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=	LQHTCPTM=	AHC =	BHC =	LHCUPBND=
LHCLOBND=	SURFTENS=	SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=	SOLUBTMP=	A =	B =	AVP =
BVP =	CVP =	VPUPRBND=	VPLWRBND=	AVCP =
BVCP =	CVCP =	DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=	LHTVAPOR=	HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN= -5443.	HTPOLYMR=	LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=	INHALCNC=	INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =	ABFLMTMP=	MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =				

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SDS CHEMNAME = SODIUM SULFIDE PATHCODE = SS

MOLECWT =	78.04	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1856.	DENSTEMP=	293.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-88.74	B =	0.3600	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SDT CHEMNAME = SODIUM DICHLORO-S-TRIAZINETRIONE PATHCODE = SS

MOLECWT =	220.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	960.0	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	33.00	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SDU CHEMNAME = SODIUM PATHCODE = RR C

MOLECWT =	22.49	NBP =	1156.	NFP =	370.7	CRITTEMP=	2273.	CRITPRES=	0.3480E+08
DENSITY =	971.0	DENSTEMP=	293.2	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.6134E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SFA CHEMNAME = SULFURIC ACID PATHCODE = A P 0

MOLECWT =	98.08	NBP =	613.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1840.	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	2123.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1398.	LQHTCPTM=	293.2	AHC =	1153.	BHC =	0.8374	LHCUPBND=	323.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.9713E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2285	INHALCNC=	2.285	INHALTME=	300.0	LQTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SFC CHEMNAME = SODIUM FERROCYANIDE PATHCODE = SS

MOLECWT =	484.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1458.	DENSTEMP=	298.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-98.06	B =	0.4000	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SFD CHEMNAME = SULFUR DIOXIDE PATHCODE = A C K M N

MOLECWT =	64.06	NBP =	263.2	NFP =	197.7	CRITTEMP=	430.0	CRITPRES=	0.7870E+07
DENSITY =	1450.	DENSTEMP=	263.2	SHPSTATE=L		ARHO =	2086.	BRHO =	-2.400
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	223.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1415.	LQHTCPTM=	293.2	AHC =	187.7	BHC =	4.187	LHCUPBND=	373.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	10.00	SOLUBTMP=	293.2	A =		B =		AVP =	9.407
BVP =	999.9	CVP =	-35.96	VPUPRBND=	293.2	VPLWRBND=	195.2	AVCP =	0.2692E+05
BVCP =	49.82	CVCP =	-0.2093E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3969E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.2190E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	5.000	INHALCNC=	20.00	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SFL CHEMNAME = SULFOLANE PATHCODE = A P Q

MOLECWT =	120.2	NBP =	558.0	NFP =	299.0	CRITTEMP=		CRITPRES=	
DENSITY =	1260.	DENSTEMP=	303.2	SHPSTATE=L		ARHO =	1379.	BRHO =	-0.4000
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	300.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1465.	LQHTCPTM=	293.2	AHC =	737.3	BHC =	2.512	LHCUPBND=	473.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.52
BVP =	3063.	CVP =	0.4004E-01	VPUPRBND=	523.2	VPLWRBND=	373.2	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=	0.1130E+05	LHTVAPOR=		HTCOMBTN=	-0.2200E+08(E)	HTDECOMP=		HTSOLUTN=	-0.5000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SFM CHEMNAME = SULFUR MONOCHLORIDE PATHCODE = A O

MOLECWT =	135.0	NBP =	411.0	NFP =	193.0	CRITTEMP=		CRITPRES=	
DENSITY =	1680.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2147.	BRHO =	-1.600
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	921.1	LQHTCPTM=	293.2	AHC =	921.1	BHC =	0.0000E+00	LHCUPBND=	343.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.580
BVP =	1880.	CVP =	0.4004E-01	VFUPRBND=	413.2	VPLWRBND=	273.2	AVCP =	0.5012E+05
BVCP =	103.8	CVCP =	-0.9211E-01	DVCP =	0.0000E+00	VHCUPBND=	875.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.2671E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.1168E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	1.000	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SFR CHEMNAME = SODIUM SILICOFLUORIDE PATHCODE = II

MOLECWT =	188.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2680.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.6400	SOLUBTMP=	293.1	A =	-2.878	B =	0.1200E-01	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SHC CHEMNAME = SODIUM HYPOCHLORITE PATHCODE = A P

MOLECWT =	74.44	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1060.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1060. (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.0 (E)	LDLWRBND=	278.0 (E)	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	3800. (E)	LQHTCPTM=	293.0 (E)	AHC =	3800. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	298.0 (E
LHCLOBND=	278.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.2000E+06(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SHD CHEMNAME = SODIUM HYDROXIDE PATHCODE = SS

MOLECWT =	40.00	NBP =		NFP =	591.0	CRITTEMP=		CRITPRES=	
DENSITY =	2130.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-657.3	B =	2.560	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SHS CHEMNAME = SODIUM HYDROSULFIDE SOLUTION PATHCODE = A P

MOLECWT =		NBP =	373.0	(E)	NFP =	290.0	(E)	CRITTEMP=		CRITPRES=	
DENSITY =	1300.	DENSTEMP=	288.1		SHPSTATE=L			ARHO =	1593. (E)	BRHO =	-1.000 (E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1		LDLWRBND=	293.1		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =			LVUPRBND=			LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =			BCON =			LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=			AHC =			BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=			SFTNTEMP=			INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=			A =			B =		AVP =	
BVP =		CVP =			VPUPRBND=			VPLWRBND=		AVCP =	
BVCP =		CVCP =			DVCP =			VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=			HTCOMBTN=			HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=			UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=			MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SLA CHEMNAME = SALICYLIC ACID PATHCODE = II

MOLECWT =	138.1	NBP =		NFP =	430.0	CRITTEMP=		CRITPRES=	
DENSITY =	1440.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2000	SOLUBTMP=	298.1	A =	0.2000	B =	0.0000E+00	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2190E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0 5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SLD CHEMNAME = SELENIUM DIOXIDE PATHCODE = SS

MOLECWT =	111.0	NBP =	583.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3950.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	263.0	SOLUBTMP=	295.1	A =	-651.8	B =	3.100	AVP =	5.244
BVP =	694.0	CVP =	-0.1500	VPUPRBND=	454.1	VPLWRBND=	343.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	0.2800E+05
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4000E-01	INHALCNC=	0.6000E-01	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SML CHEMNAME = SODIUM METHYLATE PATHCODE = SS

MOLECWT =	54.00	NBP =		NFP =	CRITTEMP=	CRITPRES=
DENSITY =	1000.	(E) DENSTEMP=	293.1	SHPSTATE=S	ARHO =	BRHO =
CRHO =		LDUPRBND=		LDLWRBND=	LQVISPNT=	LQVISTMP=
AVIS =		BVIS =		LVUPRBND=	LVLWRBND=	LQTHRCND=
LTHCNTMP=		ACON =		BCON =	LTCUPBND=	LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =	BHC =	LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=	INTFTENS=	INTFTTMP=
SOLUBPNT=		SOLUBTMP=		A =	B =	AVP =
BVP =		CVP =		VFUPRBND=	VPLWRBND=	AVCP =
BVCP =		CVCP =		DVCP =	VHCUPBND=	VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	HTDECOMP=	HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=	UPFLMLIM=	BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=	LOTOXLIM=	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=	AIRFUEL =	FLMETEMP=
MOLFRAC =						

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SNT CHEMNAME = SODIUM NITRITE PATHCODE = SS

MOLECWT =	69.00	NBP =	593.0	(E)	NFP =	544.0	CRITTEMP=		CRITPRES=	
DENSITY =	2170.	DENSTEMP=	293.1		SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=			AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	83.00	SOLUBTMP=	293.1		A =	-1.613	B =	0.2900	AVP =	
BVP =		CVP =			VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SOX CHEMNAME = SODIUM OXALATE PATHCODE = II SS

MOLECWT =	134.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2270.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	3.460	SOLUBTMP=	293.1	A =	-7.387	B =	0.3700E-01	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SPP CHEMNAME = SODIUM PHOSPHATE PATHCODE = SS

MOLECWT =			NBP =			NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2150.	(E)	DENSTEMP=	298.1		SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=			AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	50.00	(E)	SOLUBTMP=	298.1		A =		B =		AVP =	
BVP =			CVP =			VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=			INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SRA CHEMNAME = STEARIC ACID PATHCODE = II

MOLECWT =	282.0	(E)	NBP =		NFP =	343.0	CRITTEMP=		CRITPRES=
DENSITY =	860.0		DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =
BVP =			CVP =		VFUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.4023E+08	HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SRS CHEMNAME = SUCROSE PATHCODE = SS

MOLECWT =	342.3	NBP =		NFP =	446.0	(E)	CRITTEMP=		CRITPRES=
DENSITY =	1590.	DENSTEMP=	293.1	SHPSTATE=S			ARHO =		BRHO =
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=		LQVISTMP=
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=		LQTHRCND=
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =		LHCUPBND=
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=		INTFTTMP=
SOLUBPNT=	204.0	SOLUBTMP=	293.1	A =	-162.4		B =	1.250	AVP =
BVP =		CVP =		VFUPRBND=			VPLWRBND=		AVCP =
BVCP =		CVCP =		DVCP =			VHCUPBND=		VHCLOBND=
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2230E+08	(E)	HTDECOMP=		HTSOLUTN=
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=		BURNRATE=
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.1500E-01	(E) UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SSC CHEMNAME = SODIUM SILICATE PATHCODE = A P

MOLECWT =		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1100. (E)	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1300. (E)	BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.0 (E)	LDLWRBND=	278.0 (E)	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2931. (E)	LQHTCPTM=	298.2	AHC =	2931. (E)	BHC =	0.0000E+00	LHCUPBND=	303.2
LHCLOBND=	283.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.4000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SSF CHEMNAME = SODIUM SULFITE PATHCODE = SS

MOLECWT =	126.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2633.	DENSTEMP=	288.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-183.4	B =	0.7200	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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STC CHEMNAME = SILICON TETRACHLORIDE PATHCODE = A O

MOLECWT =	169.9	NBP =	330.8	NFP =	203.0	CRITTEMP=	506.8	CRITPRES=	0.3740E+07		
DENSITY =	1480.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	2066.	BRHO =	-2.000		
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=	0.5100E-03	LQVISTMP=	288.1		
AVIS =	-9.581	BVIS =	575.0	LVUPRBND=	313.1	LVLWRBND=	258.1	LQTHRCND=	0.1047	(E	
LTHCNTMP=	293.1	ACON =	0.1047	(E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	283.1	
LQHTCPPT=	795.5	LQHTCPTM=	293.1	AHC =	795.5	BHC =	0.0000E+00	LHCUPBND=	313.1		
LHCLOBND=	273.1	SURFTENS=	0.1960E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.704		
BVP =	1554.	CVP =	-0.1500	VFUPRBND=	333.1	VPLWRBND=	263.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.1730E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-0.1730E+07		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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STO CHEMNAME = SELENIUM TRIOXIDE PATHCODE = RR

MOLECWT =	126.9	NBP =		NFP =	391.0	CRITTEMP=		CRITPRES=	
DENSITY =	3600.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3500E-01	INHALCNC=	0.5300E-01	INHALTME=	1800.	LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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STY CHEMNAME = STYRENE PATHCODE = A T U Z

MOLECWT =	104.2	NBP =	418.4	NFP =	242.6	CRITTEMP=	646.0	CRITPRES=	0.4000E+07
DENSITY =	906.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1170.	BRHO =	-0.9000
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	273.2	LQVISPNT=	0.7500E-03	LQVISTMP=	293.2
AVIS =	-11.32	BVIS =	1210.	LVUPRBND=	373.2	LVLWRBND=	273.2	LQTHRCND=	0.1465
LTHCNTMP=	293.2	ACON =	0.2488	BCON =	-0.3489E-03	LTCUPBND=	323.2	LTCLOBND=	263.2
LQHTCPPT=	1742.	LQHTCPTM=	293.2	AHC =	882.5	BHC =	2.931	LHCUPBND=	323.2
LHCLOBND=	253.2	SURFTENS=	0.3214E-01	SFTNTEMP=	292.2	INTFTENS=	0.3548E-01	INTFTTMP=	292.2
SOLUBPNT=	0.3000	SOLUBTMP=	293.2	A =		B =		AVP =	9.404
BVP =	1650.	CVP =	-43.16	VPUPRBND=	418.2	VPLWRBND=	273.2	AVCP =	-0.2370E+05
BVCP =	573.4	CVCP =	-0.2826	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1059E+06	LHTVAPOR=	0.3634E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=	-0.6448E+06	LOFLMLIM=	1.100	UPFLMLIM=	6.100	BURNRATE=	0.8667E-04
TOXINHAL=	100.0	INHALCNC=	100.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SVA CHEMNAME = SILVER ACETATE PATHCODE = II SS

MOLECWT =	166.9	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3260.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		DVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	1.000	SOLUBTMP=	293.1	A =	-3.104	B =	0.1400E-01	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1300E-02	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SVC CHEMNAME = SILVER CARBONATE PATHCODE = II

MOLECWT =	275.7	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	6100.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.3300E-01	SOLUBTMP=	298.1	A =	0.3300E-01	B =	0.0000E+00	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.8000E-03	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SVF CHEMNAME = SILVER FLUORIDE PATHCODE = II SS

MOLECWT =	126.9	NBP =	1432.	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	5820.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	177.0	SOLUBTMP=	293.1	A =	-937.0	B =	3.800	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1800E-02	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SVI CHEMNAME = SILVER IODATE PATHCODE = II

MOLECWT =	282.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	5530.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.4100E-02	SOLUBTMP=	293.1	A =	-0.3694E-01	B =	0.1400E-03	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.8000E-03	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SVN CHEMNAME = SILVER NITRATE PATHCODE = SS

MOLECWT =	169.9	NBP =		NFP =	485.0	CRITTEMP=		CRITPRES=	
DENSITY =	4350.	DENSTEMP=	292.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-1190.	B =	4.800	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SVO CHEMNAME = SILVER OXIDE PATHCODE = II

MOLECWT =	231.8	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	7140.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1000E-02	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SVS CHEMNAME = SILVER SULFATE PATHCODE = II SS

MOLECWT =	311.8	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	5450.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.7400	SOLUBTMP=	293.1	A =	-1.724	B =	0.8400E-02	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.7000E-03	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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SXX CHEMNAME = SULFUR(LIQUID) PATHCODE = A X Y

MOLECWT =	256.5	NBP =	717.8	NFP =	394.9	CRITTEMP=		CRITPRES=	
DENSITY =	1800.	DENSTEMP=	393.2	SHPSTATE=	L	ARHO =	2119.	BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	433.2	LDLWRBND=	393.2	LQVISPNT=	0.1094E-01	LQVISTMP=	396.2
AVIS =	-12.15	BVIS =	3020.	LVUPRBND=	409.2	LVLWRBND=	393.2	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	963.0	LQHTCPTM=	373.2	AHC =	696.2	BHC =	0.6699	LHCUPBND=	663.2
LHCLOBND=	373.2	SURFTENS=	0.6080E-01	SFTNTEMP=	393.2	INTFTENS=	0.5000E-01(E)	INTFTTMP=	400.0 (E
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.17
BVP =	3664.	CVP =	0.4004E-01	VFUPRBND=	673.2	VPLWRBND=	393.2	AVCP =	0.2260E+05(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	400.0 (E)	VHCLOBND=	300.0 (E
HTFUSION=	0.4396E+05(E)	LHTVAPOR=	0.2889E+06	HTCOMBTN=	-0.1103E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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TAL CHEMNAME = TRIETHYLALUMINUM PATHCODE = A O Z

MOLECWT =	114.2	NBP =	459.8	NFP =	227.0	CRITTEMP=	678.0	CRITPRES=	0.1360E+08		
DENSITY =	836.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1032.	BRHO =	-0.6700		
CRHO =	0.0000E+00	LDUPRBND=	363.1	LDLWRBND=	283.1	LQVISPNT=	0.2830E-02	LQVISTMP=	293.1		
AVIS =	-11.38	BVIS =	1616.	LVUPRBND=	363.1	LVLWRBND=	283.1	LQTHRCND=	0.1628	(E	
LTHCNTMP=	293.1	ACON =	0.1628	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	283.1
LQHTCPPT=	2093.	LQHTCPTM=	298.1	AHC =	845.1	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1
LHCLOBND=	273.1	SURFTENS=	0.2610E-01	SFTNTEMP=	301.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	11.13		
BVP =	2369.	CVP =	-73.15	VPUPRBND=	453.1	VPLWRBND=	353.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.5020E+06	HTCOMBTN=	-0.4268E+08	HTDECOMP=		HTSOLUTN=	-0.4640E+07		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TAP CHEMNAME = P-TOLUENESULFONIC ACID PATHCODE = SS

MOLECWT =	172.2	NBP =		NFP =	377.5	(E)	CRITTEMP=	CRITPRES=	
DENSITY =	1450.	DENSTEMP=	298.1	SHPSTATE=S			ARHO =	BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=	LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =			LTCUPBND=	LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =	LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=	INTFTTMP=	
SOLUBPNT=	270.0	SOLUBTMP=	293.1	A =			B =	AVP =	
BVP =		CVP =		VFUPRBND=			VPLWRBND=	AVCP =	
BVCP =		CVCP =		DVCP =			VHCUPBND=	VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=			HTDECOMP=	HTSOLUTN=	-0.1200E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=	BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TBT CHEMNAME = TETRABUTYL TITANATE PATHCODE = A O T U X Y

MOLECWT =	340.0	NBP =	585.0	NFP =	218.0	CRITTEMP=				CRITPRES=	
DENSITY =	1000.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1000.	(E)		BRHO =	0.0000E+00(E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=	0.9000E-01			LQVISTMP=	293.1
AVIS =	-19.11	BVIS =	4895.	LVUPRBND=	303.1	LVLWRBND=	283.1			LQTHRCND=	0.9304E-01(E
LTHCNTMP=	293.1	ACON =	0.9304E-01(E)	BCON =	0.0000E+00(E)	LTCUPBND=	293.1			LTCLOBND=	283.1
LQHTCPPT=	1465.	(E) LQHTCPTM=	293.1	AHC =	1465.	(E) BHC =	0.0000E+00(E)			LHCUPBND=	293.1
LHCLOBND=	283.1	SURFTENS=		SFTNTEMP=		INTFTENS=				INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =				AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=				AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=				VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.3300E+06	HTCOMBTN=	-0.3400E+08(E)	HTDECOMP=				HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.000	UPFLMLIM=	12.00			BURNRATE=	0.5678E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=				UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN ST SYSTEM OF UNITS

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TCA CHEMNAME = 2,4,5-TRICHLOROPHENOXYACETIC ACID PATHCODE = II

MOLECWT =	255.5	NBP =		NFP =	431.0	CRITTEMP=		CRITPRES=	
DENSITY =	1000. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2400E-01	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.1500E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TCE CHEMNAME = TRICHLOROETHANE PATHCODE = A X Y

MOLECWT =	133.4	NBP =	347.0	NFP =	234.0	(E)	CRITTEMP=		CRITPRES=		
DENSITY =	1310.	DENSTEMP=	293.2	SHPSTATE=L			ARHO =	1777.	BRHO =	-1.600	
CRHO =	0.0000E+00	LDUPRBND=	373.2	LDLWRBND=	253.2		LQVISPNT=	0.8300E-03	LQVISTMP=	293.2	
AVIS =	-11.53	BVIS =	1300.	LVUPRBND=	303.2		LVLWRBND=	263.2	LQTHRCND=		
LTHCNTMP=		ACON =		BCON =			LTCUPBND=		LTCLOBND=		
LQHTCPPT=	1026.	LQHTCPTM=	293.2	AHC =	143.7		BHC =	3.014	LHCUPBND=	333.2	
LHCLOBND=	283.2	SURFTENS=	0.2540E-01	SFTNTEMP=	293.2		INTFTENS=	0.4500E-01(E)	INTFTTMP=	293.0	(E
SOLUBPNT=	0.7000E-01	SOLUBTMP=	293.2	A =			B =		AVP =	9.689	
BVP =	1627.	CVP =	0.4004E-01	VPUPRBND=	363.2		VPLWRBND=	293.2	AVCP =	0.2290E+05	
BVCP =	271.7	CVCP =	-0.1675	DVCP =	0.0000E+00		VHCUPBND=	600.0	VHCLOBND=	250.0	
HTFUSION=		LHTVAPOR=	0.2428E+06	HTCOMBTN=	-0.1100E+08(E)		HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	7.000		UPFLMLIM=	16.00	BURNRATE=	0.4830E-04(E	
TOXINHAL=	350.0	INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01	
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TCF CHEMNAME = TRICHLOROFLUOROMETHANE PATHCODE = A C I J

MOLECWT =	137.4	NBP =	297.0	NFP =	162.0	CRITTEMP=	471.0		CRITPRES=	0.4410E+07	
DENSITY =	1490.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2076.		BRHO =	-2.000	
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	233.2	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=	887.6	LQHTCPTM=	293.2	AHC =	642.1	BHC =	0.8374		LHCUPBND=	353.2	
LHCLOBND=	173.2	SURFTENS=	0.2300E-01	SFTNTEMP=	293.2	INTFTENS=			INTFTTMP=		
SOLUBPNT=	0.1100	SOLUBTMP=	298.2	A =		B =			AVP =	9.649	
BVP =	1380.	CVP =	0.4004E-01	VPUPRBND=	323.2	VPLWRBND=	223.2		AVCP =	0.7336E+05	(E
BVCP =	0.0000E+00	(E) CVCP =	0.0000E+00	(E) DVCP =	0.0000E+00	(E) VHCUPBND=	350.0	(E)	VHCLOBND=	270.0	(E
HTFUSION=		LHTVAPOR=	0.1821E+06	HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=	1000.	INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TCL CHEMNAME = TRICHLOROETHYLENE PATHCODE = A X Y

MOLECWT =	131.4	NBP =	360.0	NFP =	186.8	CRITTEMP=		CRITPRES=			
DENSITY =	1460.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1900.	BRHO =	-1.500		
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	253.2	LQVISPNT=	0.5800E-03	LQVISTMP=	293.2		
AVIS =	-10.28	BVIS =	830.0	LVUPRBND=	323.2	LVLWRBND=	263.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	967.1	LQHTCPTM=	293.2	AHC =	598.9	BHC =	1.256	LHCUPBND=	353.2		
LHCLOBND=	253.2	SURFTENS=	0.2930E-01	SFTNTEMP=	293.2	INTFTENS=	0.4500E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	0.1100	SOLUBTMP=	298.2	A =		B =		AVP =	9.913		
BVP =	1768.	CVP =	0.4004E-01	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.3148E+05		
BVCP =	206.4	CVCP =	-0.1424	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.2395E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	8.000	UPFLMLIM=	10.50	BURNRATE=			
TOXINHAL=	100.0	INHALCNC=	200.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TCP CHEMNAME = TRICRESYL PHOSPHATE PATHCODE = A X

MOLECWT =	368.0		NBP =	683.0		NFP =	240.0		CRITTEMP=			CRITPRES=			
DENSITY =	1160.		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1453.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	298.2		LDLWRBND=	273.2		LQVISPNT=	0.8000E-01		LQVISTMP=	298.2		
AVIS =	-22.30		BVIS =	5890.		LVUPRBND=	313.2		LVLWRBND=	293.2		LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	1591.		LQHTCPTM=	293.2		AHC =	1591.		BHC =	0.0000E+00		LHCUPBND=	303.2		
LHCLOBND=	278.2		SURFTENS=	0.4400E-01		SFTNTEMP=	298.2		INTFTENS=	0.4500E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=	0.3000E-03		SOLUBTMP=	298.2		A =			B =			AVP =	10.24		(E
BVP =	3575.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	680.0	(E)	VPLWRBND=	500.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.1860E+06	(E)	HTCOMBTN=			HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPQLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TCS CHEMNAME = TRICHLOROSILANE PATHCODE = A O

MOLECWT =	135.5	NBP =	305.0	NFP =	146.0	CRITTEMP=		CRITPRES=			
DENSITY =	1340.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1633.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.3100E-03		LQVISTMP=	298.1	
AVIS =	-11.43	(E) BVIS =	1000.	(E) LVUPRBND=	303.1	LVLWRBND=	288.1		LQTHRCND=	0.1279	(E
LTHCNTMP=	293.1	ACON =	0.1279	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=	963.0	LQHTCPTM=	293.1	AHC =	963.0	(E) BHC =	0.0000E+00(E)		LHCUPBND=	298.1	
LHCLOBND=	283.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	9.792	
BVP =	1460.	CVP =	-0.1500	VFUPRBND=	308.1	VPLWRBND=	213.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.2000E+06	HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	90.50		BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TCT CHEMNAME = TRICHLORO-S-TRIAZINETRIONE PATHCODE = II SS

MOLECWT =	232.5	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1000. (E)	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	1.200	SOLUBTMP=	298.1	A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSICN=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TDB CHEMNAME = TETRADECYLBENZENE PATHCODE = A T U

MOLECWT =	274.5	NBP =	632.0	NFP =	289.0	CRITTEMP=		CRITPRES=			
DENSITY =	855.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1060.	BRHO =	-0.7000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	289.1	LQVISPNT=	0.7680E-02	LQVISTMP=	293.1		
AVIS =	-12.83	BVIS =	2334.	LVUPRBND=	333.1	LVLWRBND=	293.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.1	LTCLOBND=	289.1		
LQHTCPPT=	1507.	LQHTCPTM=	298.1	AHC =	1507.	BHC =	0.0000E+00	LHCUPBND=	298.1		
LHCLOBND=	289.1	SURFTENS=	0.3027E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =			
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.2212E+06	HTCOMBTN=	-0.4284E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.7381E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TDC CHEMNAME = 1-TRIDECENE PATHCODE = A T U

MOLECWT =	182.3		NBP =	506.0		NFP =	249.0		CRITTEMP=			CRITPRES=		
DENSITY =	765.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	971.2		BRHO =	-0.7000	
CRHO =	0.0000E+00		LDUPRBND=	313.2		LDLWRBND=	273.2		LQVISPNT=	0.1630E-02		LQVISTMP=	293.2	
AVIS =	-12.42		BVIS =	1760.		LVUPRBND=	303.2		LVLWRBND=	263.2		LQTHRCND=	0.1500	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	300.0	(E)	LTCLOBND=	273.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	300.0	(E
LHCLOBND=	273.0	(E)	SURFTENS=	0.2450E-01		SFTNTEMP=	293.2		INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.094	
BVP =	1663.		CVP =	-99.26		VFUPRBND=	423.2		VPLWRBND=	323.2		AVCP =	0.6075E+05	
BVCP =	841.1		CVCP =	-0.1675		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0	
HTFUSION=			LHTVAPOR=	0.2470E+06		HTCOMBTN=	-0.4430E+08		HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN ST SYSTEM OF UNITS

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TDI CHEMNAME = TOLUENE 2,4-DIISOCYANATE (TDI) PATHCODE = A X Y

MOLECWT =	174.2		NBP =	523.0		NFP =	295.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	1220.		DENSTEMP=	298.2		SHPSTATE=L			ARHO =	1518.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	333.2		LDLWRBND=	298.2		LQVISPNT=	0.5800E-02	(E)	LQVISTMP=	293.0		(E
AVIS =	-18.80	(E)	BVIS =	4000.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	293.0	(E)	LQTHRCND=	0.1700		(E
LTHCNTMP=	298.0	(E)	ACON =	0.1700	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	313.0	(E)	LTCLOBND=	298.0		(E
LQHTCPPT=	2300.	(E)	LQHTCPTM=	298.0	(E)	AHC =	2300.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0		(E
LHCLOBND=	298.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	298.0	(E)	INTFTENS=	0.4500E-01	(E)	INTFTTMP=	298.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	11.50		
BVP =	3301.		CVP =	0.4004E-01		VFUPRBND=	423.2		VPLWRBND=	323.2		AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.2390E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.9000		UPFLMLIM=	9.500		BURNRATE=			
TOXINHAL=	0.2000E-01		INHALCNC=	0.2000E-01		INHALTME=	300.0		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TDN CHEMNAME = TRIDECANOL PATHCODE = A T U

MOLECWT =	200.4		NBP =	547.0		NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	846.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1081.		BRHO =	-0.8000		
CRHO =	0.0000E+00		LDUPRBND=	308.2		LDLWRBND=	273.2		LQVISPNT=	0.5000E-01		LQVISTMP=	293.2		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1600		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1600	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	293.0		(E
LQHTCPPT=	2200.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2200.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0		(E
LHCLOBND=	293.0	(E)	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	8.727		
BVP =	1424.		CVP =	-164.2		VPUPRBND=	573.2		VPLWRBND=	393.2		AVCP =	0.3153E+05		
BVCP =	1060.		CVCP =	-0.3538		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.2680E+06		HTCOMBTN=	-0.2840E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TEA CHEMNAME = TRIETHANOLAMINE PATHCODE = A P Q

MOLECWT =	149.2	NBP =		NFP =	294.8	CRITTEMP=		CRITPRES=	
DENSITY =	1130.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1423.	BRHO =	-1.0000
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	293.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2052.	LQHTCPTM=	293.2	AHC =	811.6	BHC =	4.187	LHCUPBND=	303.2
LHCLOBND=	283.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.68
BVP =	2963.	CVP =	-86.36	VPUPRBND=	623.2	VPLWRBND=	423.2	AVCP =	0.7720E+05
BVCP =	644.8	CVCP =	-0.3601	DVCP =	0.7536E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1825E+06	LHTVAPOR=	0.4095E+06	HTCOMBTN=	-0.2430E+08(E)	HTDECOMP=		HTSOLUTN=	-0.5000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN ST SYSTEM OF UNITS

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TEB CHEMNAME = TRIETHYLBENZENE PATHCODE = A T U

MOLECWT =	162.3		NBP =	489.0		NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	861.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1153.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	313.2		LDLWRBND=	283.2		LQVISPNT=	0.2000E-02	(E)	LQVISTMP=	293.0		(E
AVIS =	-13.40	(E)	BVIS =	2100.	(E)	LVUPRBND=	293.0	(E)	LVLWRBND=	278.0	(E)	LQTHRCND=	0.1500		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.0	(E)	LTCLOBND=	278.0		(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	298.0		(E
LHCLOBND=	278.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.689		(E
BVP =	2290.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	489.0	(E)	VPLWRBND=	300.0	(E)	AVCP =	2177.		
BVCP =	837.8		CVCP =	-0.3056		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.2700E+06	(E)	HTCOMBTN=	-0.3780E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TEC CHEMNAME = TETRACHLOROETHANE PATHCODE = A X

MOLECWT =	167.8	NBP =	419.5	NFP =	229.4	CRITTEMP=		CRITPRES=	
DENSITY =	1595.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1982.	BRHO =	-1.530
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.1950E-02	LQVISTMP=	288.1
AVIS =	-11.27	BVIS =	1450.	LVUPRBND=	303.1	LVLWRBND=	273.1	LQTHRCND=	0.1122
LTHCNTMP=	303.1	ACON =	0.1122 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	273.1
LQHTCPPT=	879.2	LQHTCPTM=	293.1	AHC =	879.2	BHC =	0.0000E+00	LHCUPBND=	303.1
LHCLOBND=	283.1	SURFTENS=	0.3785E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.2880	SOLUBTMP=	298.1	A =	-0.1798	B =	0.1570E-02	AVP =	9.971
BVP =	2075.	CVP =	-0.1500	VPUPRBND=	418.1	VPLWRBND=	299.1	AVCP =	0.5418E+05
BVCP =	156.6	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	400.0	VHCLOBND=	300.0
HTFUSION=		LHTVAPOR=	0.2300E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	5.000	INHALCNC=	10.00	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TED CHEMNAME = TETRAETHYL DITHIOPYROPHOSPHATE PATHCODE = A X Y

MOLECWT =	322.3	NBP =		NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	1190.	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1483.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=	0.2500E-02	SOLUBTMP=	293.1	A =		B =			AVP =		
BVP =		CVP =		VPUPRBND=		VPLWRBND=			AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=	0.5000E-04	(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TEG CHEMNAME = TRIETHYLENE GLYCOL PATHCODE = A P O

MOLECWT =	150.2	NBP =	561.0	NFP =	268.9	CRITTEMP=		CRITPRES=	
DENSITY =	1125.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1331.	BRHO =	-0.7000
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACCN =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2202.	LQHTCPTM=	293.2	AHC =	1220.	BHC =	3.349	LHCUPBND=	393.2
LHCLOBND=	273.2	SURFTENS=	0.4520E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.497
BVP =	1936.	CVP =	-130.2	VPUPRBND=	593.2	VPLWRBND=	423.2	AVCP =	0.8830E+05
BVCP =	523.3	CVCP =	-0.2282	DVCP =	0.2889E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.4145E+06	HTCOMBTN=	-0.2370E+08	HTDECOMP=		HTSOLUTN=	-0.3000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.9000	UPFLMLIM=	9.200	BURNRATE=	0.2833E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TEL CHEMNAME = TETRAETHYL LEAD PATHCODE = A X Y

MOLECWT =	23.44	(E)	NBP =			NFP =	136.0		CRITTEMP=			CRITPRES=			
DENSITY =	1590.		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1590.	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	303.0	(E)	LDLWRBND=	283.0	(E)	LQVISPNT=	0.7500E-03	(E)	LQVISTMP=	293.0	(E	
AVIS =	-11.70	(E)	BVIS =	1320.	(E)	LVUPRBND=	303.0	(E)	LVLWRBND=	283.0	(E)	LQTHRCND=			
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=			
LQHTCPPT=	2500.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2500.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	313.0	(E	
LHCLOBND=	283.0	(E)	SURFTENS=	0.4000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.558	(E	
BVP =	1722.	(E)	CVP =	0.0000E+00	(E)	VFUPRBND=	313.0	(E)	VPLWRBND=	283.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.1830E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=	0.9560E-01	(E)	INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TEN CHEMNAME = TRIETHYLAMINE PATHCODE = A P Q R S

MOLECWT =	101.2	NBP =	362.7	NFP =	158.5	CRITTEMP=	535.0	CRITPRES=	0.3000E+07
DENSITY =	729.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1110.	BRHO =	-1.300
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2324.	LQHTCPTM=	293.2	AHC =	1403.	BHC =	3.140	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.2070E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=	5.500	SOLUBTMP=	293.2	A =		B =		AVP =	9.024
BVP =	1252.	CVP =	-51.16	VPUPRBND=	403.2	VPLWRBND=	263.2	AVCP =	0.1968E+05
BVCP =	514.1	CVCP =	-0.1340	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3349E+06	HTCOMBTN=	-0.3963E+08	HTDECOMP=		HTSOLUTN=	-0.4145E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.200	UPFLMLIM=	8.000	BURNRATE=	0.1033E-03
TOXINHAL=	25.00	INHALCNC=	100.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TEP CHEMNAME = TETRAETHYL PYROPHOSPHATE PATHCODE = A P

MOLECWT =	290.2	NBP =		NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	1180.	DENSTEMP=	298.1	SHPSTATE=	L	ARHO =	1473.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =		
BVP =		CVP =		VPUPRBND=		VPLWRBND=			AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=	0.3900E-02	INHALCNC=	0.1930E-01	INHALTME=	1800.	LOTOXLIM=			UPTOXLIM=	0.5000E-04	(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TES CHEMNAME = 2.4,5-T(ESTERS) PATHCODE = A X Y

MOLECWT =	400.0	(E)	NBP =	650.0	(E)	NFP =			CRITTEMP=			CRITPRES=	
DENSITY =	1200.		DENSTEMP=	293.1		SHPSTATE=L			ARHO =	1453.		BRHO =	-1.000
CRHO =	0.0000E+00		LDUPRBND=	298.1		LDLWRBND=	273.1		LQVISPNT=			LQVISTMP=	
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	
LTHCNTMP=			ACON =			BCON =			LTCUPBND=			LTCLOBND=	
LQHTCPPT=			LQHTCPTM=			AHC =			BHC =			LHCUPBND=	
LHCLOBND=			SURFTENS=			SFTNTEMP=			INTFTENS=			INTFTTMP=	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.966 (E
BVP =	3060.	(E)	CVP =	-0.1500	(E)	VPUPRBND=	623.1		VPLWRBND=	493.1		AVCP =	
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCOMBTN=			HTDECOMP=			HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=	
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =													

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TET CHEMNAME = TRIETHYLENETETRAMINE PATHCODE = A P Q

MOLECWT =	146.2	NBP =	550.6	NFP =	238.0	CRITTEMP=	733.0	CRITPRES=	0.3200E+07
DENSITY =	982.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1218.	BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2200. (E)	LQHTCPTM=	293.0 (E)	AHC =	2200. (E)	BHC =	0.0000E+00(E)	LHCUPBND=	293.0 (E
LHCLOBND=	285.0 (E)	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.322
BVP =	1897.	CVP =	-111.2	VFUPRBND=	593.2	VPLWRBND=	413.2	AVCP =	0.3442E+05
BVCP =	782.9	CVCP =	-0.3781	DVCP =	0.3936E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3150E+08(E)	HTDECOMP=		HTSOLUTN=	-0.3000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TFA CHEMNAME = TALLOW FATTY ALCOHOL PATHCODE = II

MOLECWT =	262.0	NBP =	522.0	(E)	NFP =	326.0	CRITTEMP=		CRITPRES=		
DENSITY =	810.0	DENSTEMP=	298.1		SHPSTATE=S		ARHO =		BRHO =		
CRHO =		LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=		ACON =			BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=		LQHTCPTM=			AHC =		BHC =		LHCUPBND=		
LHCLOBND=		SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=		SOLUBTMP=			A =		B =		AVP =		
BVP =		CVP =			VFUPRBND=		VPLWRBND=		AVCP =		
BVCP =		CVCP =			DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=		LHTVAPOR=			HTCOMBTN=	-0.4300E+08(E)	HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=		INHALCNC=			INHALTME=		LOTOXLIM=		UPTOXLIM=		
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TFC CHEMNAME = TRIFLUOROCHLOROETHYLENE PATHCODE = A B C H I J

MOLECWT =	116.5	NBP =	245.0	NFP =		CRITTEMP=	379.4	(E)	CRITPRES=	0.4080E+07(E
DENSITY =	1305.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =			BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=			LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=	
LHCLOBND=		SURFTENS=	0.1200E-01(E)	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	8.806
BVP =	931.0	CVP =	-0.1500	VFUPRBND=	263.1	VPLWRBND=	243.1		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.1920E+06	HTCOMBTN=		HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	16.00	UPFLMLIM=	34.00		BURNRATE=	
TOXINHAL=	20.00	INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.7000	(E) AIRFUEL =	2.946	(E)	FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TFE CHEMNAME = TETRAFLUOROETHYLENE, INHIBITED PATHCODE = A B C Z

MOLECWT =	100.0	NBP =	197.0	NFP =	131.0	CRITTEMP=	306.0	(E)	CRITPRES=	0.3950E+07(E
DENSITY =		DENSTEMP=		SHPSTATE=G		ARHO =			BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=			LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	9.459
BVP =	875.1	CVP =	-0.1500	VPUPRBND=	273.1	VPLWRBND=	197.1		AVCP =	0.2607E+05(E
BVCP =	205.1	(E) CVCP =	-0.1496	(E) DVCP =	0.3797E-04(E)	VHCUPBND=	500.0		VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.9000E+07(E)	HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=	-0.1050E+07	LOFLMLIM=	10.00	UPFLMLIM=	50.00		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.7500	(E) AIRFUEL =	2.746	(E)	FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TFR CHEMNAME = TRIFLURALIN PATHCODE = II

MOLECWT =	335.3	NBP =		NFP =	315.0	CRITTEMP=		CRITPRES=	
DENSITY =	1000. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1000E-03(E)	SOLUBTMP=	300.1	A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2100E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LCFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TGC CHEMNAME = TRIPROPYLENE GLYCOL PATHCODE = A P O

MOLECWT =	192.3	NBP =	546.0	NFP =	228.0	CRITTEMP=			CRITPRES=		
DENSITY =	1021.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1313.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=		
LTHCNTMP=		ACON =		BCON =		LTCUPBND=			LTCLOBND=		
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =		
BVP =		CVP =		VFUPRBND=		VPLWRBND=			AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.3180E+08(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8000 (E)	UPFLMLIM=	5.000	(E)	BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)		UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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THF CHEMNAME = TETRAHYDROFURAN PATHCODE = A P Q R S

MOLECWT =	72.10	NBP =	339.0	NFP =	164.7	CRITTEMP=	540.2	CRITPRES=	0.5190E+07
DENSITY =	888.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1211.	BRHO =	-1.100
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	1675.	LQHTCPTM=	293.2	AHC =	754.2	BHC =	3.140	LHCUPBND=	373.2
LHCLOBND=	253.2	SURFTENS=	0.2800E-01	SFTNTEMP=	293.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.05
BVP =	1707.	CVP =	0.4004E-01	VFUPRBND=	333.2	VPLWRBND=	253.2	AVCP =	0.1852E+05(E
BVCP =	357.3 (E)	CVCP =	-0.1810 (E)	DVCP =	0.3200E-04(E)	VHCUPBND=	500.0 (E)	VHCLOBND=	300.0 (E
HTFUSION=		LHTVAPOR=	0.4103E+06	HTCOMBTN=	-0.3488E+08	HTDECOMP=		HTSOLUTN=	-0.3000E+05(E
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=	11.80	BURNRATE=	0.7833E-04
TOXINHAL=	200.0	INHALCNC=	500.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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THN CHEMNAME = TETRAHYDRONAPHTHALENE PATHCODE = A T U

MOLECWT =	132.2	NBP =	481.0	NFP =	242.6	CRITTEMP=		CRITPRES=						
DENSITY =	974.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1263.	BRHO =	-1.0000					
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	273.2	LQVISPNT=	0.2000E-02	LQVISTMP=	298.2					
AVIS =	-11.73	BVIS =	1640.	LVUPRBND=	353.2	LVLWRBND=	283.2	LQTHRCND=	0.1500	(E				
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	283.0	(E
LQHTCPPT=	1675.	LQHTCPTM=	293.2	AHC =	1675.	BHC =	0.0000E+00	LHCUPBND=	303.2					
LHCLOBND=	273.2	SURFTENS=	0.3550E-01	SFTNTEMP=	293.2	INTFTENS=	0.4500E-01	(E)	INTFTTMP=	293.0	(E			
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	10.12					
BVP =	2455.	CVP =	0.4004E-01	VPUPRBND=	473.2	VPLWRBND=	293.2	AVCP =						
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=						
HTFUSION=		LHTVAPOR=	0.3203E+06	HTCOMBTN=	-0.4300E+08	(E)	HTDECOMP=		HTSOLUTN=					
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8000	UPFLMLIM=	5.000	BURNRATE=						
TOXINHAL=	25.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02					
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=						
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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THR CHEMNAME = THIRAM PATHCODE = II

MOLECWT =	240.4	NBP =		NFP =	422.0	(E) CRITTEMP=		CRITPRES=	
DENSITY =	1430.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.4660	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TIA CHEMNAME = TRIISOBUTYLALUMINUM PATHCODE = A O Z

MOLECWT =	198.3	NBP =	485.0	NFP =	274.2	CRITTEMP=		CRITPRES=						
DENSITY =	788.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1101.	BRHO =	-1.070					
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	274.1	LQVISPNT=	0.2300E-02	LQVISTMP=	293.1					
AVIS =	-13.13	BVIS =	2068.	LVUPRBND=	353.1	LVLWRBND=	283.1	LQTHRCND=	0.1628	(E				
LTHCNTMP=	293.1	ACON =	0.1628	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.1	LTCLOBND=	283.1			
LQHTCPPT=	2240.	LQHTCPTM=	293.1	AHC =	1013.	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1			
LHCLOBND=	283.1	SURFTENS=	0.2400E-01	(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=					
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.472					
BVP =	1842.	CVP =	-73.15	VFUPRBND=	363.1	VPLWRBND=	328.1	AVCP =						
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=						
HTFUSION=		LHTVAPOR=	0.2300E+06	HTCOMBTN=	-0.4282E+08	HTDECOMP=		HTSOLUTN=						
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=						
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=						
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=						
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TLI CHEMNAME = O-TOLUIDINE PATHCODE = A P O T U X Y

MOLECWT =	107.2	NBP =	473.0	NFP =	249.0	CRITTEMP=	694.0	CRITPRES=	0.3750E+07		
DENSITY =	998.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1233.	BRHO =	-0.8000		
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.4430E-02	LQVISTMP=	293.1		
AVIS =	-14.35	BVIS =	2618.	LVUPRBND=	323.1	LVLWRBND=	283.1	LQTHRCND=	0.1512	(E	
LTHCNTMP=	293.1	ACON =	0.1512	(E)	BCON =	0.0000E+00(E)	LTCUPBND=	303.1	LTCLOBND=	278.1	
LQHTCPPT=	2052.	LQHTCPTM=	293.1	AHC =	2052.	BHC =	0.0000E+00	LHCUPBND=	338.1		
LHCLOBND=	288.1	SURFTENS=	0.4355E-01	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=			
SOLUBPNT=	1.800	(E)	SOLUBTMP=	303.1	A =		B =		AVP =	10.67	
BVP =	2680.	CVP =	-0.1500	VPUPRBND=	473.1	VPLWRBND=	373.1	AVCP =			
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=			
HTFUSION=		LHTVAPOR=	0.4160E+06	HTCOMBTN=	-0.3760E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.6045E-04		
TOXINHAL=	5.000	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TLO CHEMNAME = TALLOW PATHCODE = A T U

MOLECWT =			NBP =			NFP =	280.0	(E)	CRITTEMP=			CRITPRES=		
DENSITY =	850.0	(E)	DENSTEMP=	343.2		SHPSTATE=L			ARHO =	870.0	(E)	BRHO =	0.0000E+00	(E
CRHO =	0.0000E+00	(E)	LDUPRBND=	390.0	(E)	LDLWRBND=	350.0	(E)	LQVISPNT=	0.1650E-01	(E)	LQVISTMP=	373.2	
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1500	(E
LTHCNTMP=	300.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	310.0	(E)	LTCLOBND=	290.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	370.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	400.0	(E
LHCLOBND=	360.0	(E)	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	370.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	373.0	(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =		
BVP =			CVP =			VFUPRBND=			VPLWRBND=			AVCP =		
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.1500E-01	(E)	UPTOXLIM=		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TMA CHEMNAME = TRIMETHYLAMINE PATHCODE = A R C K L M N

MOLECWT =	59.11	NBP =	276.1	NFP =	156.1	CRITTEMP=	433.3	CRITPRES=	0.4070E+07
DENSITY =	633.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	984.8	BRHO =	-1.200
CRHO =	0.0000E+00	LDUPRBND=	308.2	LDLWRBND=	258.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	2273.	LQHTCPTM=	293.2	AHC =	555.1	BHC =	5.862	LHCUPBND=	353.2
LHCLOBND=	253.2	SURFTENS=	0.1740E-01	SFTNTEMP=	269.2	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.725
BVP =	1303.	CVP =	0.4004E-01	VPUPRBND=	303.2	VPLWRBND=	203.2	AVCP =	8499.
BVCP =	220.0	CVCP =	-0.5652E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=	0.1105E+06	LHTVAPOR=	0.4040E+06	HTCOMBTN=	-0.4107E+08	HTDECOMP=		HTSOLUTN=	-0.8960E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.000	UPFLMLIM=	11.60	BURNRATE=	0.1333E-03
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.7813 (E)	AIRFUEL =	12.19 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TMC CHEMNAME = TRIMETHYLCHLOROSILANE PATHCODE = A O

MOLECWT =	108.7	NBP =	330.0	NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	846.0	DENSTEMP=	298.1	SHPSTATE=L		ARHO =	1143.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	303.1	LDLWRBND=	278.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1396	(E
LTHCNTMP=	293.1	ACON =	0.1396	(E) BCON =	0.0000E+00(E)	LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=	1465.	(E) LQHTCPTM=	293.1	AHC =	1465.	(E) BHC =	0.0000E+00(E)		LHCUPBND=	298.1	
LHCLOBND=	283.1	SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	10.03	(E
BVP =	1658.	(E) CVP =	-0.1500	(E) VFUPRBND=	333.1	VPLWRBND=	283.1		AVCP =	0.7905E+05(E	
BVCP =	174.2	(E) CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	600.0		VHCLOBND=	300.0	
HTFUSION=		LHTVAPOR=	0.2900E+06	HTCOMBTN=	-0.2400E+08(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.800	UPFLMLIM=			BURNRATE=	0.8851E-04	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TML    CHEMNAME = TETRAMETHYL LEAD                          PATHCODE = A   X   Y
    MOLECWT =    267.3     (E) NBP      =    383.0          NFP      =    245.7          CRITTEMP=                    CRITPRES=
    DENSITY =    2000.         DENSTEMP=    293.2          SHPSTATE=L                    ARHO     =    2000.     (E) BRHO     =   0.0000E+00(E
    CRHO    =  0.0000E+00(E) LDUPRBND=    303.0     (E) LDLWRBND=    283.0     (E) LQVISPNT=  0.7500E-03(E) LQVISTMP=    293.0     (E
    AVIS    =   -11.70     (E) BVIS     =    1320.     (E) LVUPRBND=    303.0     (E) LVLWRBND=    283.0     (E) LQTHRCND=
    LTHCNTMP=                   ACON     =                   BCON     =                   LTCUPBND=                    LTCLOBND=
    LQHTCPPT=    2500.     (E) LQHTCPTM=    293.0     (E) AHC      =    2500.     (E) BHC      =  0.0000E+00(E) LHCUPBND=    313.0     (E
    LHCLOBND=    283.0     (E) SURFTENS=  0.4000E-01(E) SFTNTEMP=    293.0     (E) INTFTENS=  0.4000E-01(E) INTFTTMP=    293.0     (E
    SOLUBPNT=                   SOLUBTMP=                   A        =                   B        =                   AVP      =    9.706     (E
    BVP     =    1800.     (E) CVP      =  0.0000E+00(E) VPUPRBND=    383.0     (E) VPLWRBND=    300.0     (E) AVCP     =
    BVCP    =                   CVCP     =                   DVCP     =                   VHCUPBND=                    VHCLOBND=
    HTFUSION=                   LHTVAPOR=  0.1290E+06(E) HTCOMBTN= -0.1230E+08(E) HTDECOMP=                    HTSOLUTN=
    HTREACTN=                   HTPOLYMR=                   LOFLMLIM=                   UPFLMLIM=                    BURNRATE=
    TOXINHAL=  0.1260E-01(E)                                INHALTME=                   LOTOXLIM=                    UPTOXLIM=
    LATETOX =                   ABFLMTMP=                   MOLRATIO=                   AIRFUEL =                    FLMETEMP=
    MOLFRAC =
```

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TNA CHEMNAME = TANNIC ACID PATHCODE = SS

MOLECWT =	1701.		NBP =		NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =		
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=		
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=	300.0		SOLUBTMP=	293.1	A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=		HTCOMBTN=	-0.2280E+08	HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TOL CHEMNAME = TOLUENE PATHCODE = A T U

MOLECWT =	92.14	NBP =	383.8	NFP =	178.2	CRITTEMP=	591.8	CRITPRES=	0.4108E+07
DENSITY =	867.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1131.	BRHO =	-0.9000
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	233.2	LQVISPNT=	0.5870E-03	LQVISTMP=	293.2
AVIS =	-11.15	BVIS =	1090.	LVUPRBND=	313.2	LVLWRBND=	253.2	LQTHRCND=	0.1372
LTHCNTMP=	293.2	ACON =	0.2193	BCON =	-0.2791E-03	LTCUPBND=	373.2	LTCLOBND=	253.2
LQHTCPPT=	1738.	LQHTCPTM=	293.2	AHC =	1124.	BHC =	2.093	LHCUPBND=	333.2
LHCLOBND=	253.2	SURFTENS=	0.2900E-01	SFTNTEMP=	293.2	INTFTENS=	0.3610E-01	INTFTTMP=	298.2
SOLUBPNT=	0.5000E-01	SOLUBTMP=	293.2	A =		B =		AVP =	9.080
BVP =	1345.	CVP =	-53.66	VPUPRBND=	373.2	VPLWRBND=	253.2	AVCP =	-0.2211E+05
BVCP =	481.1	CVCP =	-0.1968	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3605E+06	HTCOMBTN=	-0.4055E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.270	UPFLMLIM=	7.000	BURNRATE=	0.9500E-04
TOXINHAL=	100.0	INHALCNC=	600.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TPG CHEMNAME = THIOPHOSGENE PATHCODE = A O X Y

MOLECWT =	115.0	NBP =	346.0	NFP =		CRITTEMP=			CRITPRES=		
DENSITY =	1510.	DENSTEMP=	288.1	SHPSTATE=L		ARHO =	1803.	(E)	BRHO =	-1.000	(E
CRHO =	0.0000E+00(E)	LDUPRBND=	298.1	LDLWRBND=	273.1	LQVISPNT=			LQVISTMP=		
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=			LQTHRCND=	0.1279	(E
LTHCNTMP=	293.1	ACON =	0.1279 (E)	BCON =	0.0000E+00(E)	LTCUPBND=	298.1		LTCLOBND=	283.1	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =			LHCUPBND=		
LHCLOBND=		SURFTENS=	0.2500E-01(E)	SFTNTEMP=	293.1	INTFTENS=			INTFTTMP=		
SOLUBPNT=		SOLUBTMP=		A =		B =			AVP =	10.14	(E
BVP =	1775. (E)	CVP =	-0.1500 (E)	VFUPRBND=	353.1	VPLWRBND=	323.1		AVCP =		
BVCP =		CVCP =		DVCP =		VHCUPBND=			VHCLOBND=		
HTFUSION=		LHTVAPOR=	0.3000E+06(E)	HTCOMBTN=	-0.8000E+07(E)	HTDECOMP=			HTSOLUTN=		
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=			BURNRATE=		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=			UPTOXLIM=		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =			FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TPH CHEMNAME = TRICHLOROPHENOL PATHCODE = II

MOLECWT =	197.5	NBP =	525.0	NFP =	330.0	CRITTEMP=		CRITPRES=	
DENSITY =	1700.	DENSTEMP=	298.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1000 (E)	SOLUBTMP=	298.2	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TPO CHEMNAME = TRIS(AZIRIDINYL)PHOSPHINE OXIDE PATHCODE = SS

MOLECWT =	173.2	NBP =		NFP =	314.0	CRITTEMP=		CRITPRES=	
DENSITY =	1000. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TPT CHEMNAME = TURPENTINE PATHCODE = A T U

MOLECWT =			NBP =	423.0	(E)	NFP =			CRITTEMP=			CRITPRES=			
DENSITY =	860.0		DENSTEMP=	288.2		SHPSTATE=L			ARHO =	860.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	293.0	(E)	LDLWRBND=	273.0	(E)	LQVISPNT=	0.2000E-02	(E)	LQVISTMP=	293.0	(E	
AVIS =	-13.40	(E)	BVIS =	2100.	(E)	LVUPRBND=	293.0	(E)	LVLWRBND=	273.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.0	(E)	LTCLOBND=	273.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	293.0	(E	
LHCLOBND=	273.0	(E)	SURFTENS=	0.2000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.5000E-01	(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.655	(E	
BVP =	1990.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	430.0	(E)	VPLWRBND=	300.0	(E)	AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=	0.2800E+06	(E)	HTCOMBTN=	-0.4500E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	0.8000		UPFLMLIM=			BURNRATE=			
TOXINHAL=	100.0		INHALCNC=	200.0		INHALTME=	1800.		LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TRN CHEMNAME = THORIUM NITRATE PATHCODE = SS

MOLECWT =	555.2		NBP =		NFP =		CRITTEMP=		CRITPRES=
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TTD CHEMNAME = 1-TETRADECENE PATHCODE = A T U

MOLECWT =	196.4		NBP =	524.3		NFP =	260.3		CRITTEMP=			CRITPRES=			
DENSITY =	771.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1005.		BRHO =	-0.8000		
CRHO =	0.0000E+00		LDUPRBND=	353.2		LDLWRBND=	273.2		LQVISPNT=	0.2010E-02		LQVISTMP=	293.2		
AVIS =	-12.69		BVIS =	1900.		LVUPRBND=	303.2		LVLWRBND=	273.2		LQTHRCND=	0.1500		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	298.0	(E)	LTCLOBND=	278.0		(E
LQHTCPPT=	1897.		LQHTCPTM=	293.2		AHC =	1897.		BHC =	0.0000E+00		LHCUPBND=	323.2		
LHCLOBND=	273.2		SURFTENS=	0.2500E-01		SFTNTEMP=	293.2		INTFTENS=	0.4500E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.086		
BVP =	1700.		CVP =	-108.0		VPUPRBND=	533.2		VPLWRBND=	373.2		AVCP =	0.2437E+05		
BVCP =	1093.		CVCP =	-0.3873		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.2391E+06		HTCOMBTN=	-0.4094E+08		HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TTE CHEMNAME = TETRACHLOROETHYLENE PATHCODE = A X

MOLECWT =	165.8	NBP =	394.0	NFP =	250.8	CRITTEMP=	620.0	CRITPRES=			
DENSITY =	1630.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2124.	BRHO =	-1.700		
CRHO =	0.0000E+00	LDUPRBND=	353.2	LDLWRBND=	273.2	LQVISPNT=	0.8410E-03	LQVISTMP=	298.2		
AVIS =	-10.24	BVIS =	940.0	LVUPRBND=	353.2	LVLWRBND=	283.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	862.5	LQHTCPTM=	293.2	AHC =	617.0	BHC =	0.8374	LHCUPBND=	373.2		
LHCLOBND=	253.2	SURFTENS=	0.3130E-01	SFTNTEMP=	293.2	INTFTENS=	0.4000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	0.1650E-01	SOLUBTMP=	293.2	A =		B =		AVP =	10.09		
BVP =	1986.	CVP =	0.4004E-01	VFUPRBND=	413.2	VFLWRBND=	288.2	AVCP =	0.3148E+05		
BVCP =	206.4	CVCP =	-0.1424	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.2098E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=			
TOXINHAL=	100.0	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TTG CHEMNAME = TETRAETHYLENE GLYCOL PATHCODE = A P Q

MOLECWT =	194.2	NBP =	600.0	NFP =	269.0	CRITTEMP=		CRITPRES=	
DENSITY =	1120.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1413.	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.4460E-01	LQVISTMP=	298.1
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=	0.1881E-01	SFTNTEMP=	600.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=	-0.2450E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.1500E-01(E)	UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TTN CHEMNAME = TETRADECANOL PATHCODE = A T U

MOLECWT =	214.4		NBP =	536.4		NFP =	310.8		CRITTEMP=	702.0		CRITPRES=			
DENSITY =	824.0		DENSTEMP=	311.2		SHPSTATE=L			ARHO =	1072.		BRHO =	-0.8000		
CRHO =	0.0000E+00		LDUPRBND=	373.2		LDLWRBND=	311.2		LQVISPNT=	0.6000E-02	(E)	LQVISTMP=	313.0	(E	
AVIS =	-17.89	(E)	BVIS =	4000.	(E)	LVUPRBND=	323.0	(E)	LVLWRBND=	313.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	313.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	323.0	(E)	LTCLOBND=	313.0	(E	
LQHTCPPT=	2200.	(E)	LQHTCPTM=	320.0	(E)	AHC =	2200.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	323.0	(E	
LHCLOBND=	313.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	313.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	313.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	9.764	(E	
BVP =	2552.	(E)	CVP =	0.0000E+00	(E)	VPUPRBND=	536.0	(E)	VPLWRBND=	450.0	(E)	AVCP =	0.3228E+05		
BVCP =	1144.		CVCP =	-0.3873		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.2280E+06	(E)	HTCOMBTN=	-0.4280E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TTP CHEMNAME = TETRAETHYLENEPENTAMINE PATHCODE = A P O

MOLECWT =	189.0	NBP =	613.0	NFP =	243.0	CRITTEMP=				CRITPRES=	
DENSITY =	998.0	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =				BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=				LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=				LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=				LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =				LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=				INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =				AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=				AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=				VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=				HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	0.8000	(E) UPFLMLIM=	4.600	(E)		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03			UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TTT CHEMNAME = TITANIUM TETRACHLORIDE PATHCODE = A O

MOLECWT =	189.7	NBP =	409.0	NFP =	249.0	CRITTEMP=		CRITPRES=	
DENSITY =	1726.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	2224.	BRHO =	-1.700
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	273.2	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	795.5	LQHTCPTM=	293.2	AHC =	795.5	BHC =	0.0000E+00	LHCUPBND=	373.2
LHCLOBND=	273.2	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.517 (E
BVP =	1845. (E)	CVP =	0.0000E+00(E)	VPUPRBND=	409.0 (E)	VPLWRBND=	350.0 (E)	AVCP =	0.4600E+05(E
BVCP =	0.0000E+00(E)	CVCP =	0.0000E+00(E)	DVCP =	0.0000E+00(E)	VHCUPBND=	350.0 (E)	VHCLOBND=	300.0 (E
HTFUSION=		LHTVAPOR=	0.1855E+06	HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=	-0.1122E+07	HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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TXP CHEMNAME = TOXAPHENE PATHCODE = II A T U

MOLECWT =	414.0	NBP =		NFP =	363.0	(E)	CRITTEMP=	CRITPRES=	
DENSITY =	1600.	DENSTEMP=	288.2	SHPSTATE=S			ARHO =	BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=			LQVISPNT=	LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=			LVLWRBND=	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =			LTCUPBND=	LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =			BHC =	LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=			INTFTENS=	INTFTTMP=	
SOLUBPNT=	0.3000E-03	SOLUBTMP=	293.2	A =			B =	AVP =	
BVP =		CVP =		VFUPRBND=			VPLWRBND=	AVCP =	
BVCP =		CVCP =		DVCP =			VHCUPBND=	VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=			HTDECOMP=	HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=			UPFLMLIM=	BURNRATE=	0.9667E-04
TOXINHAL=		INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-04(E)	UPTOXLIM=
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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UAN CHEMNAME = URANYL NITRATE PATHCODE = SS

MOLECWT =	502.1	NBP =		NFP =	333.4	CRITTEMP=		CRITPRES=	
DENSITY =	2810.	DENSTEMP=	286.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	60.00	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2200E-02	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LAFETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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UDB CHEMNAME = N-UNDECYLBENZENE PATHCODE = A T U

MOLECWT =	232.4	NBP =	589.0	NFP =	268.0	CRITTEMP=	765.5	CRITPRES=	0.1610E+07
DENSITY =	855.0	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	1060.	BRHO =	-0.7000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	283.1	LQVISPNT=	0.4570E-02	LQVISTMP=	293.1
AVIS =	-12.61	BVIS =	2117.	LVUPRBND=	323.1	LVLWRBND=	283.1	LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.2354E+06	HTCOMBTN=	-0.4531E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

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CHRIS/HACS CHEMICAL PROPERTY FILE,(U)
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PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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UDC CHEMNAME = 1-UNDECENE PATHCODE = A T U

MOLECWT =	154.2	NBP =	465.9	NFP =	224.0	CRITTEMP=		CRITPRES=			
DENSITY =	750.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	846.9	BRHO =	-0.3000		
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	273.2	LQVISPNT=	0.1030E-02	LQVISTMP=	293.2		
AVIS =	-12.00	BVIS =	1500.	LVUPRBND=	303.2	LVLWRBND=	273.2	LQTHRCND=	0.1500	(E	
LTHCNTMP=	293.0	(E) ACON =	0.1500	(E) BCON =	0.0000E+00	(E) LTCUPBND=	298.0	(E) LTCLOBND=	273.0	(E	
LQHTCPPT=	2010.	LQHTCPTM=	293.2	AHC =	2010.	BHC =	0.0000E+00	LHCUPBND=	323.2		
LHCLOBND=	273.2	SURFTENS=	0.2340E-01	SFTNTEMP=	293.2	INTFTENS=	0.5000E-01	(E) INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.091		
BVP =	1562.	CVP =	-83.46	VPUPRBND=	503.2	VPLWRBND=	293.2	AVCP =	0.1926E+05		
BVCP =	852.9	CVCP =	-0.3014	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3592E+06	HTCOMBTN=	-0.4439E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	0.8000E-04		
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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UND CHEMNAME = UNDECANOL PATHCODE = A T U

MOLECWT =	172.3		NBP =	518.0		NFP =	289.1		CRITTEMP=	666.0		CRITPRES=	0.2100E+07		
DENSITY =	835.0		DENSTEMP=	293.2		SHPSTATE=L			ARHO =	1128.		BRHO =	-1.0000		
CRHO =	0.0000E+00		LDUPRBND=	308.2		LDLWRBND=	283.2		LQVISPNT=			LQVISTMP=			
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=			LQTHRCND=	0.1600		(E
LTHCNTMP=	293.0	(E)	ACON =	0.1600	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	303.0	(E)	LTCLOBND=	293.0		(E
LQHTCPPT=	2040.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2040.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	303.0		(E
LHCLOBND=	293.0	(E)	SURFTENS=	0.2500E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	293.0		(E
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =	8.800		(E
BVP =	1395.	(E)	CVP =	-150.0	(E)	VPUPRBND=	553.0	(E)	VPLWRBND=	393.0	(E)	AVCP =	0.3123E+05		
BVCP =	885.9		CVCP =	-0.2805		DVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4190E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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UPO CHEMNAME = UREA PEROXIDE PATHCODE = SS

MOLECWT =	94.10	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	800.0	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	51.00	SOLUBTMP=	293.1	A =	-151.4	B =	0.6900	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=	-0.1250E+07	HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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URA CHEMNAME = URANYL ACETATE PATHCODE = SS

MOLECWT =	424.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2890.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	8.400	SOLUBTMP=	290.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1000E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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URE CHEMNAME = UREA PATHCODE = SS

MOLECWT =	60.06	NBP =		NFP =	406.0	CRITTEMP=		CRITPRES=	
DENSITY =	1340.	DENSTEMP=	293.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-558.9	B =	2.290	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=	0.2420E+06	LHTVAPOR=		HTCOMBTN=	-0.9102E+07	HTDECOMP=		HTSOLUTN=	-0.2516E+06
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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URS CHEMNAME = URANYL SULFATE PATHCODE = SS

MOLECWT =	420.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3280.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	20.50	SOLUBTMP=	288.6	A =	-180.1 .	B =	0.6950	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1100E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VAL CHEMNAME = VALERALDEHYDE PATHCODE = A P Q T U

MOLECWT =	86.13		NBP =	376.2		NFP =	182.0		CRITTEMP=	554.0		CRITPRES=	0.3500E+07	
DENSITY =	811.0		DENSTEMP=	293.1		SHPSTATE=L			ARHO =	1104.		BRHO =	-1.000	
CRHO =	0.0000E+00		LDUPRBND=	333.2		LDLWRBND=	263.2		LQVISPNT=	0.5000E-03	(E)	LQVISTMP=	293.0	(E
AVIS =	-12.10	(E)	BVIS =	1320.	(E)	LVUPRBND=	293.0	(E)	LVLWRBND=	278.0	(E)	LQTHRCND=	0.1500	(E
LTHCNTMP=	293.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	293.0	(E)	LTCLOBND=	278.0	(E
LQHTCPPT=	2000.	(E)	LQHTCPTM=	293.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	293.0	(E
LHCLOBND=	278.0	(E)	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	293.0	(E)	INTFTENS=	0.3000E-01	(E)	INTFTTMP=	293.0	(E
SOLUBPNT=	1.350		SOLUBTMP=	293.2		A =			B =			AVP =	9.144	
BVP =	1316.		CVP =	-58.16		VFUPRBND=	413.2		VPLWRBND=	277.2		AVCP =	0.1968E+05	
BVCP =	399.4		CVCP =	-0.1507		BVCP =	0.0000E+00		VHCUPBND=	600.0		VHCLOBND=	250.0	
HTFUSION=			LHTVAPOR=	0.3894E+06		HTCOMBTN=	-0.3605E+08		HTDECOMP=			HTSOLUTN=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02		UPTOXLIM=	0.1500E-01	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=		
MOLFRAC =														

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VAM CHEMNAME = VINYL ACETATE PATHCODE = A P Q R S Z

MOLECWT =	86.09	NBP =	346.1	NFP =	180.4	CRITTEMP=	525.0	CRITPRES=	0.4250E+07
DENSITY =	934.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1374.	BRHO =	-1.500
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	273.2	LQVISPNT=	0.4320E-03	LQVISTMP=	293.2
AVIS =	-10.97	BVIS =	944.0	LVUPRBND=	373.2	LVLWRBND=	273.2	LQTHRCND=	0.1465
LTHCNTMP=	293.2	ACON =	0.2595	BCON =	-0.3838E-03	LTCUPBND=	373.2	LTCLOBND=	253.2
LQHTCPPT=	1758.	LQHTCPTM=	293.2	AHC =	1145.	BHC =	2.093	LHCUPBND=	323.2
LHCLOBND=	253.2	SURFTENS=	0.2395E-01	SFTNTEMP=	293.2	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.0 (E
SOLUBPNT=	2.300	SOLUBTMP=	293.2	A =		B =		AVP =	9.117
BVP =	1192.	CVP =	-56.16	VFUPRBND=	363.2	VPLWRBND=	253.2	AVCP =	0.1516E+05
BVCP =	279.3	CVCP =	-0.8792E-01	DVCP =	-0.1675E-04	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3793E+06	HTCOMBTN=	-0.2269E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=	-0.1022E+07	LOFLMLIM=	2.600	UPFLMLIM=	13.40	BURNRATE=	0.6333E-04
TOXINHAL=	10.00	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VCI CHEMNAME = VINYLIDENECHLORIDE, INHIBITED PATHCODE = A X Y Z

MOLECWT =	96.95	NBP =	304.8	NFP =	151.2	CRITTEMP=		CRITPRES=			
DENSITY =	1210.	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1769.	BRHO =	-1.900		
CRHO =	0.0000E+00	LDUPRBND=	303.2	LDLWRBND=	243.2	LQVISPNT=	0.3300E-03	LQVISTMP=	293.2		
AVIS =	-9.938	BVIS =	560.0	LVUPRBND=	303.2	LVLWRBND=	243.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1256.	LQHTCPTM=	293.2	AHC =	28.64	BHC =	4.187	LHCUPBND=	373.2		
LHCLOBND=	253.2	SURFTENS=	0.2400E-01	SFTNTEMP=	288.2	INTFTENS=	0.2500E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	0.5000	SOLUBTMP=	293.2	A =		B =		AVP =	9.107		
BVP =	1104.	CVP =	-35.46	VPUPRBND=	373.2	VPLWRBND=	273.2	AVCP =	0.2390E+05(E		
BVCP =	180.5 (E)	CVCP =	-0.1272 (E)	DVCP =	0.3310E-04(E)	VHCUPBND=	600.0 (E)	VHCLOBND=	300.0	(E	
HTFUSION=	0.6699E+05	LHTVAPOR=	0.3014E+06	HTCOMBTN=	-0.1130E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=	-0.7746E+06	LOFLMLIM=	7.300	UPFLMLIM=	16.00	BURNRATE=	0.4500E-04		
TOXINHAL=	25.00	INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VCM CHEMNAME = VINYL CHLORIDE PATHCODE = A B C D E F G Z

MOLECWT =	62.50	NBP =	259.4	NFP =	119.4	CRITTEMP=	431.6	CRITPRES=	0.5340E+07		
DENSITY =	969.0	DENSTEMP=	260.2	SHPSTATE=L		ARHO =	1411.	BRHO =	-1.700		
CRHO =	0.0000E+00	LDUPRBND=	298.2	LDLWRBND=	253.2	LQVISPNT=	0.2670E-03	LQVISTMP=	260.2		
AVIS =	-9.918	BVIS =	440.0	LVUPRBND=	283.2	LVLWRBND=	248.2	LQTHRCND=			
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=			
LQHTCPPT=	1172.	LQHTCPTM=	259.2	AHC =	-116.4	BHC =	5.024	LHCUPBND=	373.2		
LHCLOBND=	233.2	SURFTENS=	0.2088E-01	SFTNTEMP=	263.2	INTFTENS=	0.3000E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=	0.6000	SOLUBTMP=	293.2	A =		B =		AVP =	9.566		
BVP =	1183.	CVP =	0.0000E+00	VPUPRBND=	323.0	VPLWRBND=	223.0	AVCP =	9630.		
BVCP =	174.8	CVCP =	-0.9002E-01	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=	0.7913E+05	LHTVAPOR=	0.3684E+06	HTCOMBTN=	-0.1892E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=	-0.1696E+07	LOFLMLIM=	4.000	UPFLMLIM=	26.00	BURNRATE=	0.7167E-04		
TOXINHAL=	200.0	INHALCNC=	500.0	INHALTME=	300.0	LOTOXLIM=		UPTOXLIM=			
LATETOX =		ABFLMTMP=		MOLRATIO=	0.8750 (E)	AIRFUEL =	5.490 (E)	FLMETEMP=			
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VFI CHEMNAME = VINYL FLUORIDE, INHIBITED PATHCODE = A B C D E F G Z

MOLECWT =	46.10	NBP =	201.0	NFP =	112.0	CRITTEMP=	327.9	CRITPRES=	0.5240E+07
DENSITY =	707.0	DENSTEMP=	273.1	SHPSTATE=L		ARHO =	1390.	BRHO =	-2.500
CRHO =	0.0000E+00	LDUPRBND=	283.1	LDLWRBND=	233.1	LQVISPNT=	0.1600E-03	LQVISTMP=	277.5
AVIS =	-13.59	BVIS =	1347.	LVUPRBND=	283.1	LVLWRBND=	233.1	LQTHRCND=	0.4652E-01
LTHCNTMP=	273.1	ACON =	0.2498	BCON =	-0.7443E-03	LTCUPBND=	273.1	LTCLOBND=	173.1
LQHTCPPT=	2026.	LQHTCPTM=	262.1	AHC =	1236.	BHC =	3.014	LHCUPBND=	293.1
LHCLOBND=	253.1	SURFTENS=	0.5000E-02	SFTNTEMP=	288.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.333
BVP =	869.8	CVP =	-0.1500	VFUPRBND=	233.1	VPLWRBND=	198.1	AVCP =	0.1951E+05
BVCP =	97.13	CVCP =	0.0000E+00	DVCP =	0.0000E+00	VHCUPBND=	320.0	VHCLOBND=	220.0
HTFUSION=		LHTVAPOR=	0.3620E+06	HTCOMBTN=	-0.1500E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	2.600	UPFLMLIM=	21.70	BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =		ABFLMTMP=		MOLRATIO=	0.9375 (E)	AIRFUEL =	8.189 (E)	FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VME CHEMNAME = VINYL METHYL ETHER, INHIBITED PATHCODE = A B C D E F G Z

MOLECWT =	58.10		NBP =	278.7		NFP =	151.0		CRITTEMP=			CRITPRES=			
DENSITY =	777.0		DENSTEMP=	273.1		SHPSTATE=L			ARHO =	1132.		BRHO =	-1.300		
CRHO =	0.0000E+00		LDUPRBND=	318.1		LDLWRBND=	258.1		LQVISPNT=	0.2500E-03	(E)	LQVISTMP=	273.1		
AVIS =	-11.21	(E)	BVIS =	800.0	(E)	LVUPRBND=	283.1		LVLWRBND=	263.1		LQTHRCND=	0.1163	(E	
LTHCNTMP=	273.1		ACON =	0.1163	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	283.1		LTCLOBND=	263.1		
LQHTCPPT=	1465.	(E)	LQHTCPTM=	273.1		AHC =	1465.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	283.1		
LHCLOBND=	263.1		SURFTENS=	0.1000E-01	(E)	SFTNTEMP=	273.1		INTFTENS=	0.2500E-01	(E)	INTFTTMP=	273.1		
SOLUBPNT=	2.000		SOLUBTMP=	293.1		A =			B =			AVP =	9.545		
BVP =	1265.		CVP =	-0.1500		VFUPRBND=	413.1		VPLWRBND=	273.1		AVCP =	1398.	(E	
BVCP =	248.7	(E)	CVCP =	-0.1154	(E)	DVCP =	0.1637E-04	(E)	VHCUPBND=	550.0		VHCLOBND=	250.0		
HTFUSION=			LHTVAPOR=	0.4200E+06	(E)	HTCOMBTN=	-0.3300E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=	2.600		UPFLMLIM=	39.00		BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-03		UPTOXLIM=	0.5000E-02		
LATETOX =			ABFLMTMP=			MOLRATIO=	0.7500	(E)	AIRFUEL =	9.451	(E)	FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VNT CHEMNAME = VINYLTOLUENE PATHCODE = A T U Z

MOLECWT =	118.2	NBP =	440.9	NFP =	196.2	CRITTEMP=				CRITPRES=	
DENSITY =	897.0	DENSTEMP=	293.2	SHPSTATE=	L	ARHO =	1132.			BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	333.2	LDLWRBND=	273.2	LQVISPNT=	0.8370E-03			LQVISTMP=	293.2
AVIS =	-11.08	BVIS =	1170.	LVUPRBND=	333.2	LVLWRBND=	273.2			LQTHRCND=	0.1500	(E
LTHCNTMP=	293.0	(E) ACON =	0.1500	(E) BCON =	0.0000E+00	(E) LTCUPBND=	293.0	(E)		LTCLOBND=	278.0	(E
LQHTCPPT=	1717.	LQHTCPTM=	293.2	AHC =	611.9	BHC =	3.768			LHCUPBND=	323.2
LHCLOBND=	273.2	SURFTENS=	0.3153E-01	SFTNTEMP=	293.2	INTFTENS=	0.4500E-01	(E)		INTFTTMP=	293.0	(E
SOLUBPNT=	0.8900E-02	SOLUBTMP=	298.2	A =		B =				AVP =	10.92
BVP =	2568.	CVP =	0.4004E-01	VPUPRBND=	393.2	VPLWRBND=	273.2			AVCP =	0.1460E+06	(E
BVCP =	0.0000E+00	(E) CVCP =	0.0000E+00	(E) DVCP =	0.0000E+00	(E) VHCUPBND=	350.0	(E)		VHCLOBND=	300.0	(E
HTFUSION=		LHTVAPOR=	0.3496E+06	HTCOMBTN=	-0.4120E+08	HTDECOMP=				HTSOLUTN=	
HTREACTN=		HTPOLYMR=	-0.5652E+06	LCFLMLIM=	0.8000	UPFLMLIM=	11.00			BURNRATE=	0.1000E-03
TOXINHAL=	100.0	INHALCNC=	400.0	INHALTME=	300.0	LCTOXLIM=	0.5000E-03			UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =				FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VOT CHEMNAME = VANADIUM OXYTRICHLORIDE PATHCODE = A O

MOLECWT =	173.3	NBP =	399.0	NFP =	196.0	CRITTEMP=		CRITPRES=	
DENSITY =	1830.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =	2362.	BRHO =	-1.800
CRHO =	0.0000E+00	LDUPRBND=	313.1	LDLWRBND=	273.1	LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=	523.3	LQHTCPTM=	298	AHC =	523.3	BHC =	0.0000E+00	LHCUPBND=	313.1
LHCLOBND=	253.1	SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.938
BVP =	1968.	CVP =	-0.1500	VFUPRBND=	403.1	VPLWRBND=	288.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VOX CHEMNAME = VANADIUM PENTOXIDE PATHCODE = II

MOLECWT =	181.9	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3360.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.7000E-01	SOLUBTMP=	293.1	A =	0.7000E-01	B =	0.0000E+00	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.6200E-01	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VSF CHEMNAME = VANADYL SULFATE PATHCODE = SS

MOLECWT =	199.1	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2500. (E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	30.00	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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VTS CHEMNAME = VINYLTRICHLOROSILANE PATHCODE = A O

MOLECWT =	161.5	NBP =	363.8	NFP =	178.0	CRITTEMP=		CRITPRES=	
DENSITY =	1260.	DENSTEMP=	293.1	SHPSTATE=	L	ARHO =	1558.	BRHO =	-1.000
CRHO =	0.0000E+00	LDUPRBND=	303.1	LDLWRBND=	273.1	LQVISPNT=	0.6300E-03	LQVISTMP=	298.1
AVIS =	-10.05 (E)	BVIS =	800.0 (E)	LVUPRBND=	303.1	LVLWRBND=	288.1	LQTHRCND=	0.1279
LTHCNTMP=	303.1	ACON =	0.1279	BCON =	0.0000E+00	LTCUPBND=	313.1	LTCLOBND=	293.1
LQHTCPPT=	837.4	LQHTCPTM=	303.1	AHC =	837.4 (E)	BHC =	0.0000E+00(E)	LHCUPBND=	333.1
LHCLOBND=	293.1	SURFTENS=	0.2800E-01(E)	SFTNTEMP=	293.1	INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.841
BVP =	1759.	CVP =	-0.1500	VPUPRBND=	373.1	VPLWRBND=	273.1	AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.2000E+06	HTCOMBTN=	-0.1000E+08(E)	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	3.000	UPFLMLIM=		BURNRATE=	0.4843E-04
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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WCA CHEMNAME = WAXES: CARNAUBA PATHCODE = A T U

MOLECWT =			NBP =			NFP =	359.0	(E)	CRITTEMP=			CRITPRES=			
DENSITY =	900.0	(E)	DENSTEMP=	298.2		SHPSTATE=S			ARHO =	780.0	(E)	BRHO =	0.0000E+00	(E	
CRHO =	0.0000E+00	(E)	LDUPRBND=	440.0	(E)	LDLWRBND=	410.0	(E)	LQVISPNT=	0.4000E-02	(E)	LQVISTMP=	372.0	(E	
AVIS =	-10.90	(E)	BVIS =	2001.	(E)	LVUPRBND=	380.0	(E)	LVLWRBND=	360.0	(E)	LQTHRCND=	0.1500	(E	
LTHCNTMP=	370.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	380.0	(E)	LTCLOBND=	360.0	(E	
LQHTCPPT=	2000.	(E)	LQHTCPTM=	370.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)	LHCUPBND=	400.0	(E	
LHCLOBND=	360.0	(E)	SURFTENS=	0.3000E-01	(E)	SFTNTEMP=	370.0	(E)	INTFTENS=	0.4000E-01	(E)	INTFTTMP=	373.0	(E	
SOLUBPNT=			SOLUBTMP=			A =			B =			AVP =			
BVP =			CVP =			VFUPRBND=			VPLWRBND=			AVCP =			
BVCP =			CVCP =			DVCP =			VHCUPBND=			VHCLOBND=			
HTFUSION=			LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=			HTSOLUTN=			
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=			BURNRATE=			
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=			UPTOXLIM=			
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =			FLMETEMP=			
MOLFRAC =															

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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WPF CHEMNAME = WAXES: PARAFFIN PATHCODE = A T U

MOLECWT =		NBP =		NFP =	338.0	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	780.0	(E)	DENSTEMP=	293.2			SHPSTATE=L			ARHO =	780.0 (E)
CR10 =	0.0000E+00	(E)	LDUPRBND=	440.0	(E)	LDLWRBND=	410.0	(E)	LQVISPNT=		
AVIS =			BVIS =			LVUPRBND=			LVLWRBND=		
LTHCNTMP=	420.0	(E)	ACON =	0.1500	(E)	BCON =	0.0000E+00	(E)	LTCUPBND=	440.0	(E)
LQHTCPPT=	2000.	(E)	LQHTCPTM=	370.0	(E)	AHC =	2000.	(E)	BHC =	0.0000E+00	(E)
LHCLOBND=	350.0	(E)	SURFTENS=	0.3060E-01		SFTNTEMP=	327.2		INTFTENS=	0.4250E-01	(E)
SOLUBPNT=			SOLUBTMP=			A =			B =		
BVP =			CVP =			VPUPRBND=			VPLWRBND=		
BVCP =			CVCP =			DVCP =			VHCUPBND=		
HTFUSION=	0.1549E+06		LHTVAPOR=			HTCOMBTN=	-0.4200E+08	(E)	HTDECOMP=		
HTREACTN=			HTPOLYMR=			LOFLMLIM=			UPFLMLIM=		
TOXINHAL=			INHALCNC=			INHALTME=			LOTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=			MOLRATIO=			AIRFUEL =		
MOLFRAC =											

BRHO =	0.0000E+00	(E	LQVISTMP=		
LQTHRCND=	0.1500	(E			
LTCLOBND=	410.0	(E			
LHCUPBND=	400.0	(E			
INTFTTMP=	327.2				
AVP =					
AVCP =					
VHCLOBND=					
HTSOLUTN=					
BURNRATE=					
UPTOXLIM=	0.1500E-01				
FLMETEMP=					

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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XLM CHEMNAME = M-XYLENE PATHCODE = A T U

MOLECWT =	106.2	NBP =	405.1	NFP =	225.3	CRITTEMP=	617.0	CRITPRES=	0.3540E+07		
DENSITY =	864.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1099.	BRHO =	-0.8000		
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	263.2	LQVISPNT=	0.6170E-03	LQVISTMP=	293.2		
AVIS =	-11.07	BVIS =	1080.	LVUPRBND=	303.2	LVLWRBND=	263.2	LQTHRCND=	0.1303		
LTHCNTMP=	293.2	ACON =	0.2666	BCON =	-0.4652E-03	LTCUPBND=	313.2	LTCLOBND=	273.2		
LQHTCPPT=	1687.	LQHTCPTM=	293.2	AHC =	459.9	BHC =	4.187	LHCUPBND=	373.2		
LHCLOBND=	273.2	SURFTENS=	0.2860E-01	SFTNTEMP=	293.2	INTFTENS=	0.3500E-01(E)	INTFTTMP=	293.0	(E	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.134		
BVP =	1462.	CVP =	-58.06	VPUPRBND=	403.2	VPLWRBND=	283.2	AVCP =	-0.1110E+05		
BVCP =	522.9	CVCP =	-0.1926	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0		
HTFUSION=		LHTVAPOR=	0.3429E+06	HTCOMBTN=	-0.4083E+08	HTDECOMP=		HTSOLUTN=			
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=	6.400	BURNRATE=	0.9667E-04		
TOXINHAL=	100.0	INHALCNC=	300.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03		
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=			
MOLFRAC =											

HAZARD ASSESSMENT COMPUTER SYSTEM (HACS) DATE 12/07/76 TIME 01/21/11 PAGE431 A

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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XLO CHEMNAME = O-XYLENE PATHCODE = A T U

MOLECWT =	106.2	NBP =	417.6	NFP =	248.0	CRITTEMP=	630.3	CRITPRES=	0.3732E+07
DENSITY =	880.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1116.	BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	313.2	LDLWRBND=	263.2	LQVISPNT=	0.8090E-03	LQVISTMP=	293.2
AVIS =	-11.48	BVIS =	1280.	LVUPRBND=	303.2	LVLWRBND=	263.2	LQTHRCND=	0.1430
LTHCNTMP=	293.2	ACON =	0.2687	BCON =	-0.4303E-03	LTCUPBND=	313.2	LTCLOBND=	273.2
LQHTCPPT=	1687.	LQHTCPTM=	293.2	AHC =	743.9	BHC =	3.224	LHCUPBND=	313.2
LHCLOBND=	273.2	SURFTENS=	0.3053E-01	SFTNTEMP=	288.7	INTFTENS=	0.3606E-01	INTFTTMP=	293.2
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.124
BVP =	1475.	CVP =	-59.46	VFUPRBND=	403.2	VPLWRBND=	283.2	AVCP =	-41.87
BVCP =	502.4	CVCP =	-0.1842	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3471E+06	HTCOMBTN=	-0.4084E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=	7.000	BURNRATE=	0.9667E-04
TOXINHAL=	100.0	INHALCNC=	300.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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XLP CHEMNAME = P-XYLENE PATHCODE = A T U

MOLECWT =	106.2	NBP =	411.5	NFP =	286.5	CRITTEMP=	616.2	CRITPRES=	0.3510E+07
DENSITY =	861.0	DENSTEMP=	293.2	SHPSTATE=L		ARHO =	1096.	BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	323.2	LDLWRBND=	286.2	LQVISPNT=	0.6440E-03	LQVISTMP=	293.2
AVIS =	-11.04	BVIS =	1080.	LVUPRBND=	323.2	LVLWRBND=	286.2	LQTHRCND=	0.1337
LTHCNTMP=	293.2	ACON =	0.2424	BCON =	-0.3722E-03	LTCUPBND=	313.2	LTCLOBND=	273.2
LQHTCPPT=	1746.	LQHTCPTM=	293.2	AHC =	518.5	BHC =	4.187	LHCUPBND=	413.2
LHCLOBND=	273.2	SURFTENS=	0.2830E-01	SFTNTEMP=	293.2	INTFTENS=	0.3780E-01	INTFTTMP=	293.2
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	9.116
BVP =	1453.	CVP =	-57.86	VFUPRBND=	403.2	VPLWRBND=	283.2	AVCP =	-6950.
BVCP =	499.1	CVCP =	-0.1675	DVCP =	0.0000E+00	VHCUPBND=	600.0	VHCLOBND=	250.0
HTFUSION=		LHTVAPOR=	0.3391E+06	HTCOMBTN=	-0.4084E+08	HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.100	UPFLMLIM=	6.600	BURNRATE=	0.9667E-04
TOXINHAL=	100.0	INHALCNC=	300.0	INHALTME=	1800.	LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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XYL CHEMNAME = XYLENOL PATHCODE = A T U X Y

MOLECWT =	122.2	NBP =	415.0	NFP =	275.5	(E)	CRITTEMP=			CRITPRES=	
DENSITY =	1010.	DENSTEMP=	293.1	SHPSTATE=S			ARHO =	1248.		BRHO =	-0.8000
CRHO =	0.0000E+00	LDUPRBND=	373.1	LDLWRBND=	318.1		LQVISPNT=	0.1550E-02		LQVISTMP=	353.1
AVIS =	-13.35	BVIS =	2430.	LVUPRBND=	393.1		LVLWRBND=	343.1		LQTHRCND=	0.1396 (E
LTHCNTMP=	298.1	ACON =	0.1396	(E) BCON =	0.0000E+00	(E)	LTCUPBND=	303.1		LTCLOBND=	288.1
LQHTCPPT=	1926	(E) LQHTCPTM=	293.1	AHC =	698.6	(E)	BHC =	4.187	(E)	LHCUPBND=	303.1
LHCLOBND=	288.1	SURFTENS=	0.3000E-01	(E) SFTNTEMP=	303.1		INTFTENS=	0.2500E-01	(E)	INTFTTMP=	298.1
SOLUBPNT=	0.2000	SOLUBTMP=	298.1	A =			B =			AVP =	10.72
BVP =	2773.	CVP =	-0.1500	VFUPRBND=	493.1		VPLWRBND=	373.1		AVCP =	
BVCP =		CVCP =		DVCP =			VHCUPBND=			VHCLOBND=	
HTFUSION=		LHTVAPOR=	0.4945E+06	HTCOMBTN=	-0.3700E+08	(E)	HTDECOMP=			HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=	1.400		UPFLMLIM=			BURNRATE=	
TOXINHAL=	45.00	INHALCNC=		INHALTME=			LOTOXLIM=	0.5000E-04		UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=			AIRFUEL =			FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZAC CHEMNAME = ZINC AMMONIUM CHLORIDE PATHCODE = SS

MOLECWT =	296.8	NBP =	613.0	NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1810.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZAR CHEMNAME = ZINC ARSENATE PATHCODE = II

MOLECWT =	866.0	(E)	NBP =			NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3310.		DENSTEMP=	288.1		SHPSTATE=S		ARHO =		BRHO =	
CRHO =			LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =			BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=			AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=			A =		B =		AVP =	
BVP =			CVP =			VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =			DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1300E-01	(E)	INHALCNC=			INHALTME=		LOTOXLIM=		UPTOXLIM=	
LATETOX =			ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZBO CHEMNAME = ZINC BORATE PATHCODE = II

MOLECWT =	434.7	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	2700.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.5200	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-02	UPTOXLIM=	0.1500E-01
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZBR CHEMNAME = ZINC BROMIDE PATHCODE = SS

MOLECWT =	225.2	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	4220.	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	439.0	SOLUBTMP=	291.1	A =	-1249.	B =	5.800	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

****

ZCA CHEMNAME = ZIRCONIUM ACETATE PATHCODE = A P

MOLECWT =	327.0	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1370.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3430	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZCL CHEMNAME = ZINC CHLORIDE PATHCODE = SS

MOLECWT =	136.3	NBP =		NFP =	556.0	CRITTEMP=		CRITPRES=	
DENSITY =	2910.	DENSTEMP=	298.2	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =	-857.2	B =	4.390	AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.1645	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZCO CHEMNAME = ZIRCONIUM OXYCHLORIDE PATHCODE = SS

MOLECWT =	322.3		NBP =		NFP =		CRITTEMP=		CRITPRES=
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=	0.3500		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZCR CHEMNAME = ZINC CHROMATE PATHCODE = SS

MOLECWT =	874.0 (E)	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3430.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	0.1000	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.2600E-02(E)	INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZCS CHEMNAME = ZIRCONIUM SULFATE PATHCODE = SS

MOLECWT =	355.4		NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	3000.	(E)	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	78.60		SOLUBTMP=	298.1	A =	-16.81	B =	0.3200	AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=	0.3150		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZDP CHEMNAME = ZINC DIALKYLDITHIOPHOSPHATE PATHCODE = A X Y

MOLECWT =	548.0	(E)	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1190.	(E)	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =	
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =										

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZFB CHEMNAME = ZINC FLUOROBORATE PATHCODE = A P

MOLECWT =	239.0	NBP =	373.0	(E) NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1450.	DENSTEMP=	293.1	SHPSTATE=L		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZIR CHEMNAME = ZIRCONIUM NITRATE PATHCODE = SS

MOLECWT =	429.3		NBP =		NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=	S	ARHO =		BRHO =		
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=		
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=			SOLUBTMP=		A =		B =		AVP =		
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=		
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=	0.2600		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02	
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZNA CHEMNAME = ZINC ACETATE PATHCODE = SS

MOLECWT =	219.5	NBP =		NFP =		CRITTEMP=		CRITPRES=	
DENSITY =	1740.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	29.00	SOLUBTMP=	293.1	A =		B =		AVP =	
BVP =		CVP =		VFUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	-1000. (E
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZNT CHEMNAME = ZINC NITRATE PATHCODE = SS

MOLECWT =	297.5	NBP =		NFP =	309.0	CRITTEMP=		CRITPRES=	
DENSITY =	2070.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LOVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	123.0	SOLUBTMP=	293.1	A =	-316.3	B =	1.500	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZPP CHEMNAME = ZINC PHOSPHIDE PATHCODE = II

MOLECWT =	258.1	NBP =	1373.	NFP =	693.0	CRITTEMP=		CRITPRES=	
DENSITY =	4550.	DENSTEMP=	286.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=		SOLUBTMP=		A =		B =		AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=		UPTOXLIM=	0.5000E-04(E
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZPS CHEMNAME = ZINC PHENOLSULFONATE PATHCODE = SS

MOLECWT =	555.8		NBP =	393.0	NFP =		CRITTEMP=		CRITPRES=
DENSITY =	1000.	(E)	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =
CRHO =			LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=
AVIS =			BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=
LTHCNTMP=			ACON =		BCON =		LTCUPBND=		LTCLOBND=
LQHTCPPT=			LQHTCPTM=		AHC =		BHC =		LHCUPBND=
LHCLOBND=			SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=
SOLUBPNT=	63.00		SOLUBTMP=	293.1	A =		B =		AVP =
BVP =			CVP =		VPUPRBND=		VPLWRBND=		AVCP =
BVCP =			CVCP =		DVCP =		VHCUPBND=		VHCLOBND=
HTFUSION=			LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=
HTREACTN=			HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=
TOXINHAL=			INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM= 0.5000E-02
LATETOX =			ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN S. SYSTEM OF UNITS

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ZSF CHEMNAME = ZINC SULFATE PATHCODE = SS

MOLECWT =	287.5	NBP =		NFP =	348.0	(E) CRITTEMP=		CRITPRES=	
DENSITY =	1960.	DENSTEMP=	293.1	SHPSTATE=S		ARHO =		BRHO =	
CRHO =		LDUPRBND=		LDLWRBND=		LQVISPNT=		LQVISTMP=	
AVIS =		BVIS =		LVUPRBND=		LVLWRBND=		LQTHRCND=	
LTHCNTMP=		ACON =		BCON =		LTCUPBND=		LTCLOBND=	
LQHTCPPT=		LQHTCPTM=		AHC =		BHC =		LHCUPBND=	
LHCLOBND=		SURFTENS=		SFTNTEMP=		INTFTENS=		INTFTTMP=	
SOLUBPNT=	53.80	SOLUBTMP=	293.1	A =	-125.0	B =	0.6100	AVP =	
BVP =		CVP =		VPUPRBND=		VPLWRBND=		AVCP =	
BVCP =		CVCP =		DVCP =		VHCUPBND=		VHCLOBND=	
HTFUSION=		LHTVAPOR=		HTCOMBTN=		HTDECOMP=		HTSOLUTN=	
HTREACTN=		HTPOLYMR=		LOFLMLIM=		UPFLMLIM=		BURNRATE=	
TOXINHAL=		INHALCNC=		INHALTME=		LOTOXLIM=	0.5000E-03	UPTOXLIM=	0.5000E-02
LATETOX =		ABFLMTMP=		MOLRATIO=		AIRFUEL =		FLMETEMP=	
MOLFRAC =									

PROPERTY FILE FIELD VALUES ARE DISPLAYED IN SI SYSTEM OF UNITS

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ZSL CHEMNAME = ZINC SILICOFLUORIDE PATHCODE = SS

MOLECWT =	315.5	NBP =	333.0	(E)	NFP =		CRITTEMP=		CRITPRES=		
DENSITY =	2100.	DENSTEMP=	293.1		SHPSTATE=S		ARHO =		BRHO =		
CRHO =		LDUPRBND=			LDLWRBND=		LQVISPNT=		LQVISTMP=		
AVIS =		BVIS =			LVUPRBND=		LVLWRBND=		LQTHRCND=		
LTHCNTMP=		ACON =			BCON =		LTCUPBND=		LTCLOBND=		
LQHTCPPT=		LQHTCPTM=			AHC =		BHC =		LHCUPBND=		
LHCLOBND=		SURFTENS=			SFTNTEMP=		INTFTENS=		INTFTTMP=		
SOLUBPNT=	54.20	SOLUBTMP=	293.1		A =	4.465	B =	0.1700	AVP =		
BVP =		CVP =			VPUPRBND=		VPLWRBND=		AVCP =		
BVCP =		CVCP =			DVCP =		VHCUPBND=		VHCLOBND=		
HTFUSION=		LHTVAPOR=			HTCOMBTN=		HTDECOMP=		HTSOLUTN=		
HTREACTN=		HTPOLYMR=			LOFLMLIM=		UPFLMLIM=		BURNRATE=		
TOXINHAL=	0.1780	INHALCNC=			INHALTME=		LOTOXLIM=	0.5000E-04	UPTOXLIM=	0.5000E-03	
LATETOX =		ABFLMTMP=			MOLRATIO=		AIRFUEL =		FLMETEMP=		
MOLFRAC =											